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THE
ANIMAL KINGDOM,
ARRANGED ACCORDING TO ITS ORGANIZATION,
Serving as a

Foundation for the
NATURAL HISTORY OF ANIMALS,

and an
Introduction to comparative Anatomy

By
BARON CUVIER,

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WITH FIGURES DESIGNED AFTER NATURE:

the
Crustacea, Arachnides & Insecta,

by
M. DeCuvillie,

Chevalier of the Legion of Honour, Member of the Institute, Royal Academy of Sciences, & of the greater portion of other learned Societies in Europe, America, &c.

Translated from the latest French Edition.

with
ADDITIONAL NOTES,

and

Illustrated by nearly 800 Coloured Plates.

IN FOUR VOLUMES.

VOL. 1.

MAMMALIA—BIRDS.

LONDON,

G. Henderson, 2, Old Bailey, Ludgate Hill

AND SOLD BY ALL BOOKSELLERS

1837.



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* This curious species is not noticed by Cuvier, no doubt from its very recent discovery. It has been figured in the Transactions of the American Philosophical Society, and described very fully by Dr. Harlow in the same work. From several peculiarities in structure, this animal approaches very closely to the ourangs, and on that account, we think should have precedence of the other Gibbons. We subjoin the letter of Dr. Burrough that accompanied the specimens furnished Dr. Harlow, which is interesting as a detail of a few distinguishing features of this singular species.

“The specimens of the ourang-outang or Gibbons, furnished you, were obtained by me during my late excursion into the interior of Bengal. They were presented to me by Captain Alexander Davidson, of the Honourable East India Company, stationed at Goalpara, situate on the Burrampooter river, in *Assam*. This district of country was formerly attached to the Burmese empire, but at present is in possession of the East India Company, and constitutes the north-eastern limits of their territory in this quarter.

“The ourang, of which I am now to speak, called by the Assamese ‘Hoolock,’ is to be met with on the Garrow Hills, in the vicinity of Goalpara, between latitudes 25 and 28 degs. north; and the specimens brought to this country by me, were taken within a few miles of the town of Goalpara. The full grown one, which at this time you have prepared, was in my possession, alive, from the month of January to May, when it died from a blow it received across the lumbar region, inadvertently inflicted with a small stick by one of my servants at Calcutta. They inhabit more particularly the lower hills, not being able to endure the cold of those ranges of the Garrows of more than 4 or 500 feet elevation. Their food, in the wild state, consists, for the most part, of fruits common only to the jungle in this district of country; and they are particularly fond of the seeds and fruits of that sacred tree of India, called the Peopul tree, and which, on the Garrow Hills, attains a very large size. They likewise partake of some species of grass, and also the tender twigs and leaves of the Peopul and other trees, which they chew, swallow the juice thereof, and reject the indigestible part. They are easily tamed; and when first taken show no disposition to bite, unless provoked to anger, and even then

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manifest a reluctance to defend themselves, preferring to retreat into some corner rather than attack their enemy. They walk erect; and, when placed upon a floor or in an open field, balance themselves very prettily, by raising their hands over their head, and slightly bending their arm at the wrist and elbow, and then run tolerably fast, rocking from side to side; and if urged to greater speed, they let fall their hands to the ground, and assist themselves forward, rather jumping than running, still keeping the body, however, nearly erect; if they succeed in making their way to a grove of trees, they then swing with such astonishing rapidity from branch to branch, and from tree to tree, that they are soon lost in the jungle or forest.

“The individual in question became so tame and manageable in less than a month, that he would take hold of my hand and walk with me, helping himself along at the same time with the other hand applied to the ground, as described above. He would come at my call, and seat himself in a chair by my side at the breakfast-table, and help himself to an egg, or the wing of a chicken from my plate, without endangering any of my table furniture. He would partake of coffee, chocolate, milk, tea, &c.; and although his usual mode of taking liquids was by dipping his knuckles into the cup and licking his fingers, still, when apparently more thirsty, he would take up the vessel from which I fed him with both hands, and drink like a man from a spring. His principal food consisted of boiled rice, boiled bread and milk, with sugar, plantains, bananas, oranges, &c., all of which he ate, but seemed best pleased with bananas. He was fond of insects; would search in the crevices of my house for spiders, and if a fly chanced to come in his reach, he would dexterously catch him in one hand, generally using his right hand. Like many of the different religious castes of this country, he seemed to entertain an antipathy to an indiscriminate use of animal food, and would not eat of either the flesh of the cow or hog; would sometimes taste a little of beef, but never eat of it. I have seen him take fried fish, which he seemed to relish better than almost any other description of animal food, with the exception of chicken, and even this he would eat but very sparingly of, preferring his common diet, bread and milk, with sugar, fruit, &c. In temper he was remarkably pacific, and seemed, as I thought, often glad to have an opportunity of testifying his affection and attachment for me. When I visited him in the morning, he would commence a loud and shrill whoo—whoo—whoo—whoo, which he would keep up often from five to ten minutes, with an occasional intermission for the purpose of taking a full respiration; until finally, apparently quite exhausted, he would lie down, allow me to comb his head, and brush the long hair on his arms, and seem delighted with the tickling sensation produced by the brush on his belly and legs. He would turn from side to side, first hold out one arm and then the other, and when I attempted to go away, he would catch hold of my arm or coat-tail, and pull me back again to renew my little attentions to him, daily bestowed. If I called to him from a distance, and he could recognise my voice, he would at once set up his usual cry, which he sometimes gradually brought down to a kind of moan, but generally resumed his louder tone when I approached him. This animal was a male, but showed no particular marks of the sex; and by a casual glance, might readily, if not examined more closely, have passed for a female. I have no idea of his age; but, judging from the length and size of his canine teeth, suppose him to have been advanced in life.

“The other large ‘Hoolock,’ of which you have the cranium, was also a male, and full grown. He was likewise obtained from the Garrow Hills, in Assam, presented to me by my friend Captain A. Davidson of Goalpara. He came into my possession in the month of April, and died at sea in July, just before getting up with the Cape of Good Hope, of a catarrhal affection. His death probably might have been hastened from want of proper food; such as is not procurable on long voyages. This animal was similar in habit and general characters to the one already described; and may have been eight or ten years of age, or perhaps older; as I

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am informed by the natives of Assam, they live to the age of twenty-five or thirty years.

“The young specimen was also alive in my possession. This is a female, and was brought to me by a Garrow Indian at the same time the first was received; but died on the way from Goalpara to Calcutta, of a pulmonary disease following catarrh. This poor little creature, when first taken sick, suffered great pain and oppression at the chest, for which I prescribed a cathartic of castor oil and calomel, and a warm bath, which seemed to afford it some temporary relief, but she died after ten days’ illness. The animal appeared delighted with the bath; and when I removed her from the vessel, she would run back again to the water, and lie down again until again removed. She was, like the others I had in my possession, gentle and pacific in disposition, very timid and shy of strangers; but in less than a week from the time she was taken, would, if put down in an open place, quickly run to me, jump in my arms, and hug me round the neck. I supposed her to have been from nine months to a year old. I fed her on boiled milk, goat’s milk diluted with water and sweetened with sugar-candy. She also would sometimes partake of a little bread and milk, with the older one. She soon learned to suck the milk from a small bottle, through a quill covered with a piece of rag.”

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* Nearly allied to the Cephalote of Peron. Its fur is cinereous gray above, white pale beneath, and the belly undulated. The nostrils are tubular, distant, and open. The index finger is provided with a nail. The body is about four inches, and the wings one foot and four inches wide. The tail is not quite an inch.

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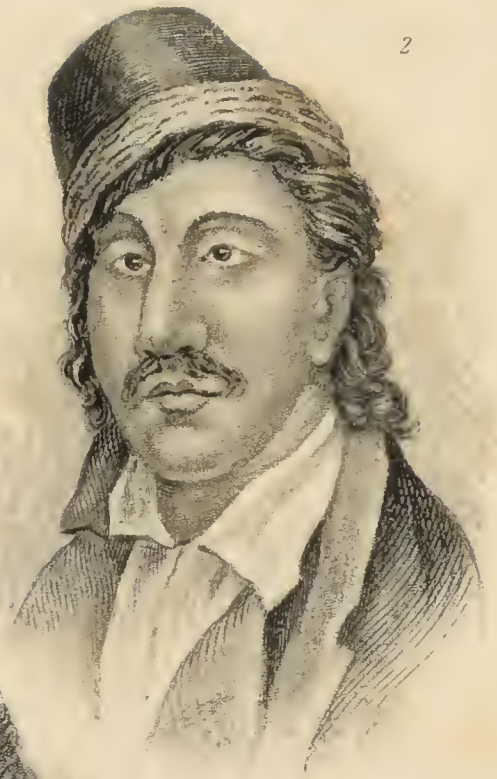
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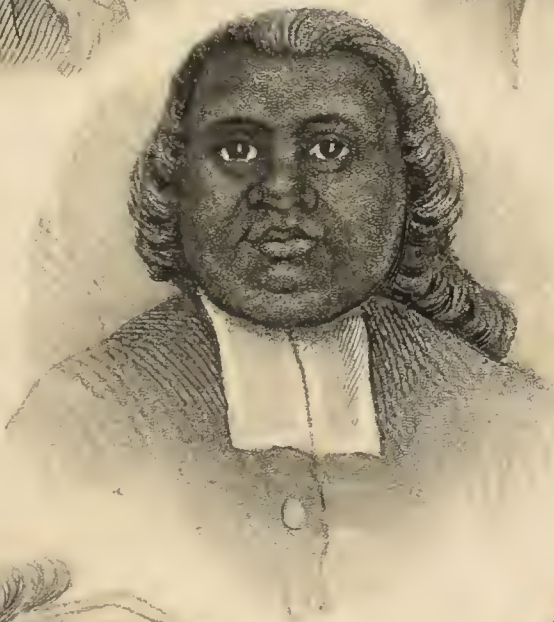
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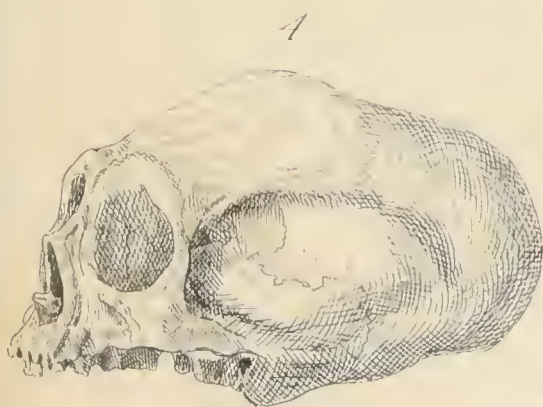
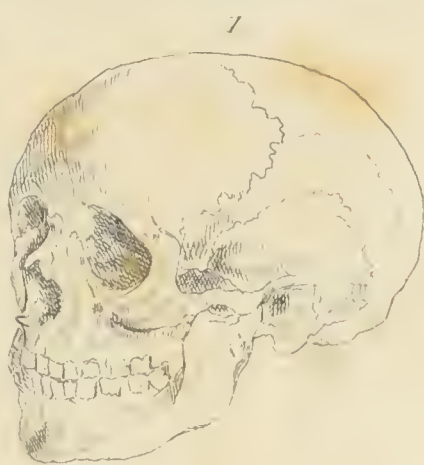
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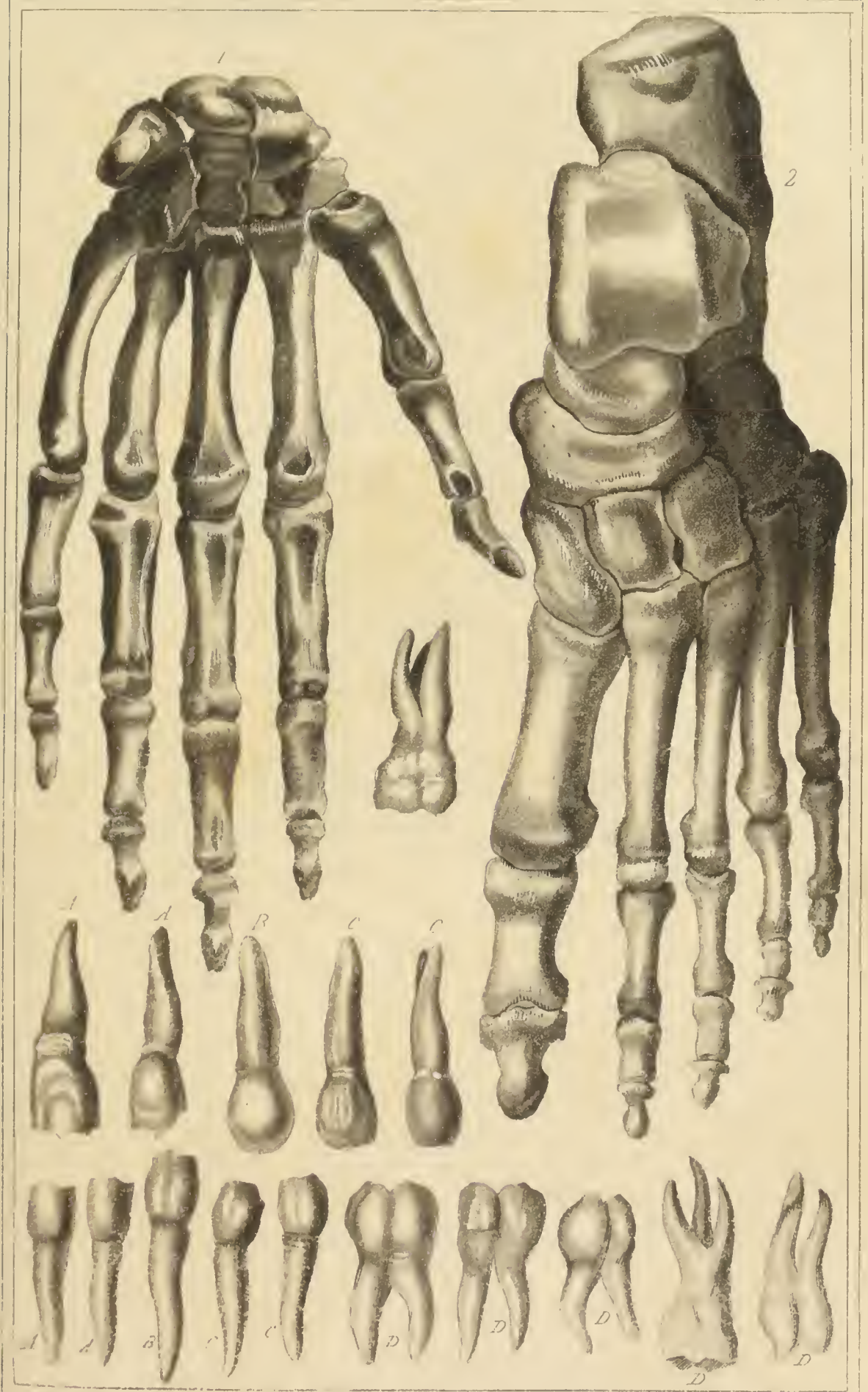
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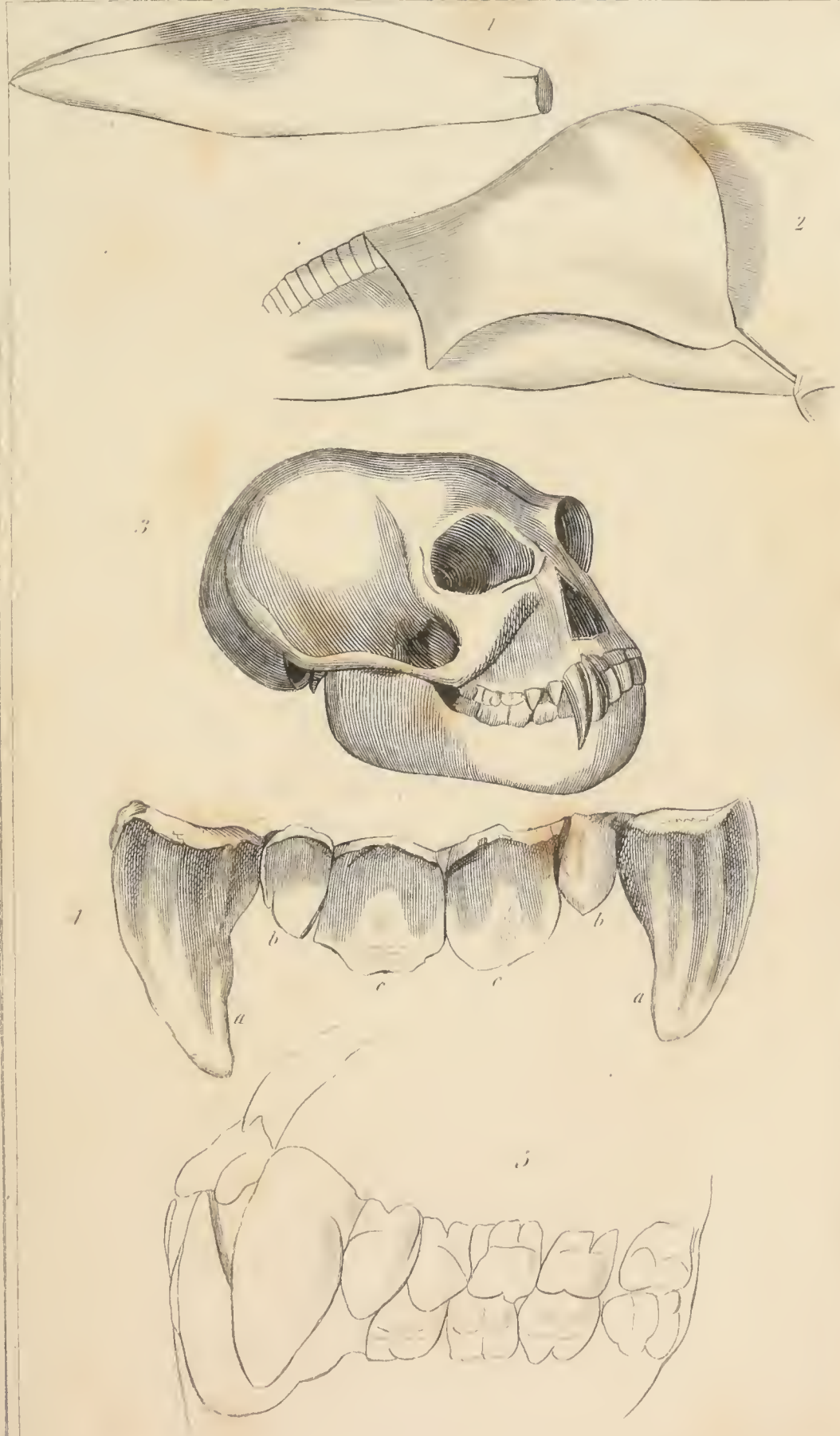
1. Caucasian Variety of the Human Species 2. Mongolian Do. 3. Ethiopian Do. 4. American Do. 5. Malay. Do.



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1. The left hand of a Macaque with its twenty-seven bones. 2. The left foot of a Man with its twenty-seven bones. A A is the canine tooth B the canine tooth C the grinding teeth D the grinding teeth



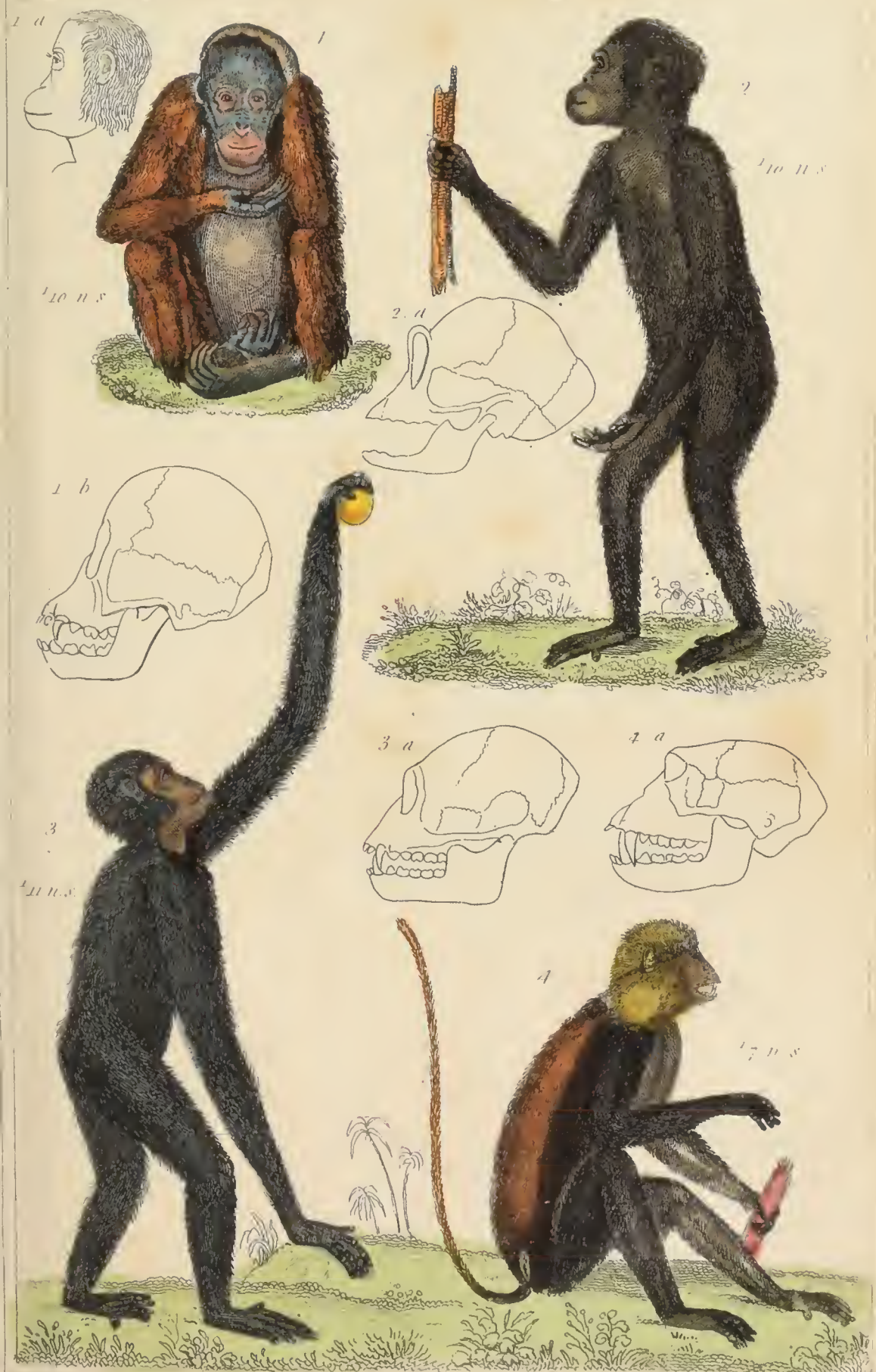
1. Canine Tooth of the Asiatic Orang Outang 2. Hyoid bone of the Red Howling Monkey 3. Head of the Hoolock Monkey 4. Front of the Upper Jaw of the Asiatic Orang Outang a a Canine Teeth b b Cutting Teeth c c Cutting Teeth twice the breadth of the outside ones. 5. Dentition of the Pongo.

1843



*Front View of the
Orang Outang or Pigmy of Tyson.*

Engraved by Henderson & Co. London

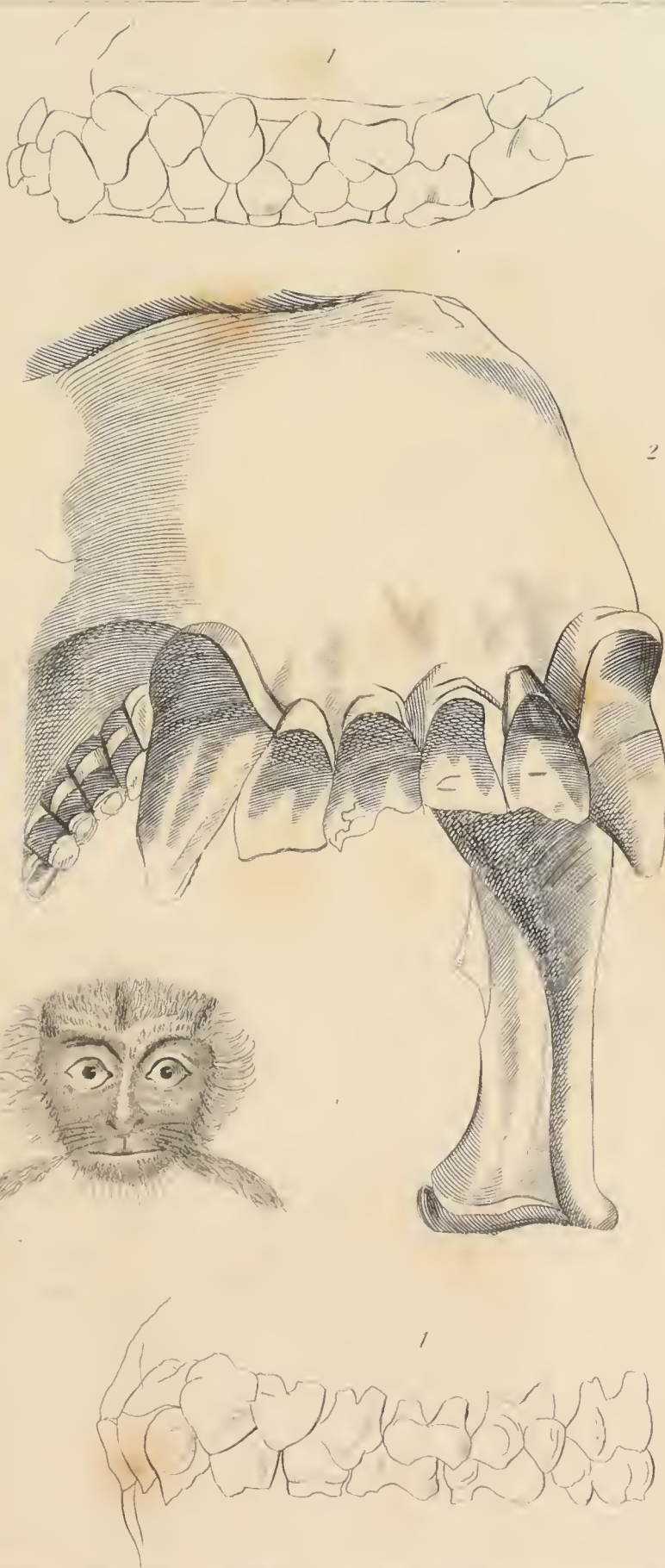


1. *Simia satyrus* (The Orang Outang) 2. *Simia troglodytes* (The Chimpanzee) 3. *Hylobates syndactylus* (The Siamang, another View see Mammalia Pl. 7) 4. *Cercopithecus mona* (The Mona)

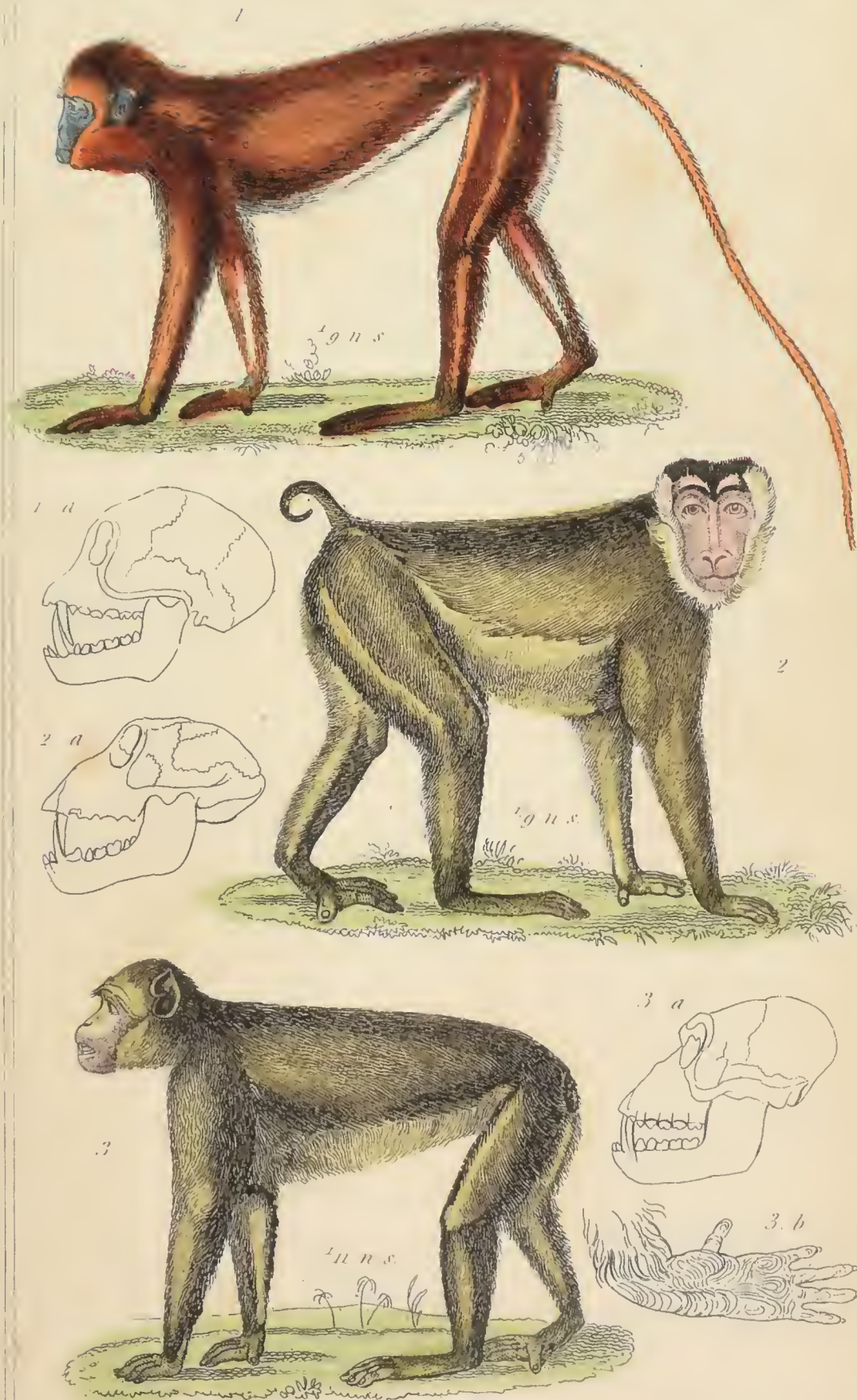


Back View of the
Orang Outang or Pigmy of Tva





1 Dentition of the Howling Monkeys 2 The Lower Jaw with the Teeth of the Asiatic Orang Outang 3 The Face of the Deouroucoult 4 Dentition of the Guenon Monkeys



1. *Semnopithecus metalophus*. Raf. (The Simpai) 2. *Macacus nemestrinus*. Fr. civ (The Brown Baboon)
3. *Inuus silvanus*. (The Barbary Ape)



1. *Troglodytes Niger*. (The Black Orang.) 2. *Pithecus Satyrus*. (The Red or Asiatic Orang.)
Outang. Side View.



1 *Hylobates syndactyla* (*The Sumatran*). 2. *Lasiopyga nemea* (*The Cechin-China Monkey*).
3. *Teeth of the Cenopithecus*, Geoff. A' Hel.

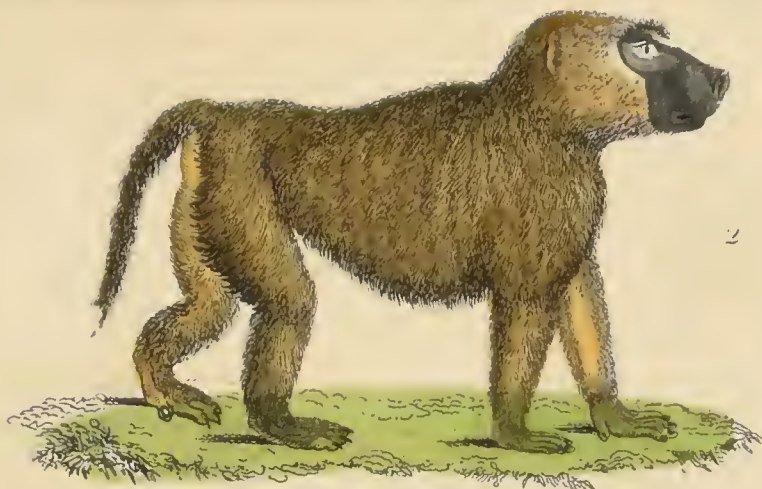


1. *Nasalis larvatus*. (The Kahu or Proboscis Monkey) 2. *Pithecius satyrus*. (The Red or Asiatic Outang or Outang). (Front View) 3. Foot of the Siamang 4 & 5. Dentition of the *Semnopithecus maurus*



1 *Macacus silenus* (The Cunderow) 2. *Pithecia melanocephala* (The Cacajao)
3 & 4. Teeth of the *Cenocobus*. Geoff. St Hil. 5. Nose of the Kahan or Prebessa Monkey. (*Nasalis larvatus*. Geoff. St Hil.)

London: G. Henderson 2 Old, 1855



1. *Simia rubra*, Gm. 'The Patas' 2. *Cynocephalus papio*, Desm. 'The Guinea Baboon'

3. *Simia fatuellus*, Gm. 'The Horned Sajeu'

2



1

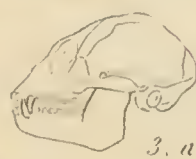
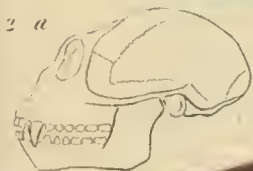


1. *Callithrix personata*, Geoff. *The Masked Monkey* 2. *Callithrix lugens*, Geoff.
The Mourning or Widow Monkey



1. *Cynocephalus porcarus* (The Chacma) 2. *Papio maimon* Geoff. S^t Hil. (The Mandrill)

3. *Mycetes seniculus* (The Red Howling Monkey)



1. *Brachyteles hyposanthus*. /The Mikiri/ 2. *Cebus apella* /The Wrepper Sapajou/

3. *Pithecia rufiventris*. /The Red-bellied Saki/



1. *Pteropus Dussumieri*, Isid. Geoff. *N. H. N.* The Rousette of Dussumier 2. *Pteropus Kerandereus* (The Rousette of Kerandere) 3. The Head of the *Cephalotes Pallasi* Geoff. (Cephalote of Pallasi) 4. *Molossus obscurus*, Geoff. (The Molossus Bat) 5. *Noctilio Leporinus* tm (The hare-tipped Bat)



1. *Phyllostoma carolinianum* Geoff. The Indented Jaclin? 2 & 3 Teeth of *Phyllostoma spectrum* et *ba-tatus* Vampire & Javelin Bat. 4. Head of the *Megaderma trisulcatus* Geoff. Tripartite Bat. 5. Head of the *Meg. a. from s. Geoff.* Leaf Bat. 6. Head of the *Rhinolophus tridens* Geoff. Three-toothed Horse-shoe Bat. 7. *Nycterus Geoffroyi*. The Rear-point Bat.



1 *Nesohares trivirgata* The Dourocouli. 2 *Hapale chrysomelas* The Black Marked
Lichanotus indri The Indri



1 *Lemur ruber*. The Red Lemur. 2 *Galago senegalensis*. The Galago or Senegal. 3 *Stekohops tardigradus*. Moth of Bengul. 4 *Tarsius spectrum*. The Tarsier.



1. *Galago crassicaudatus* the Civet Galago
2. *Mastomys leucurus* the White Vison of the Furriers
3. *Mustela lutra Brasiliensis* the American Otter
4. *Canis lupus* the Red Wolf
5. *Ursus* the Ash coloured Koola

London Gillenderson, 2. Old Bailey



1. *Sorex araneus*, Lin. (The Common Shrew.) 2. *Mygale moschatus*, Lin. (The Russian Musk Rat.)
3. *Chrysochloris asiatica*, Lin. (The Golden Mole.)



1 *Taphozous mauritanicus*, Geoff. St. Hil (The Mauritius Horse Shor Bat) 2 *Vespertilio pipistrellus*, Gm. The Pipistrellus
 3 *Plecotus timoriensis*, Geoff. The Timor Bat 1 *Galeopithecus rufus*, Geoff. The Red flying Lemur Bat

1

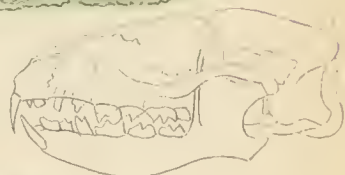


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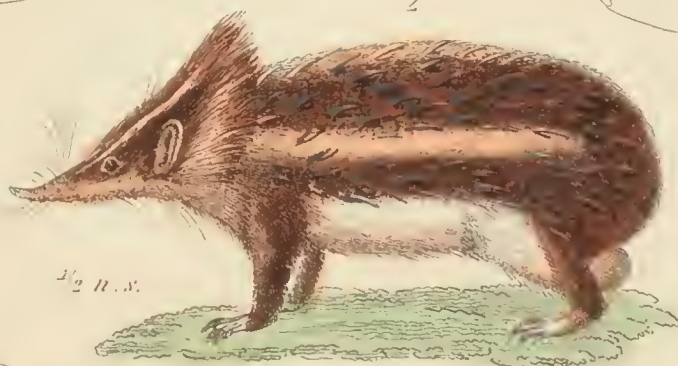
2. a



2. a



2



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3



2. b



4. a



1



$\frac{1}{3}$ n.s.

1. *Erinaceus europaeus* Lin. The Common Hedgehog. 2. *Centurus semistriatus* (The hooded shrew). 3. Head of the *Centurus setosus* (The Tundra). 4. *Cladobates ferruginea* The Ferruginous Mole.



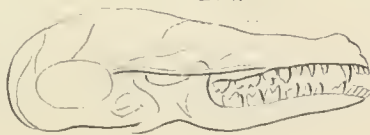
1. *Ursus labiata*, Blainv. The Thick lipped Bear / 2. *Ursus arctos*, The Brown or common Bear of Europe / 3. *Ursus malayanus*, Horsfield, The Malay Bear /



1



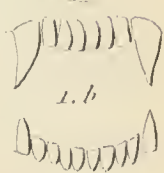
1. d



3. b



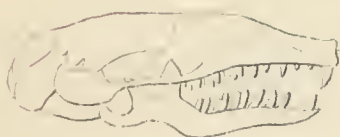
1. b



2



3. d



2. b



2. d



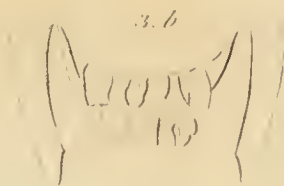
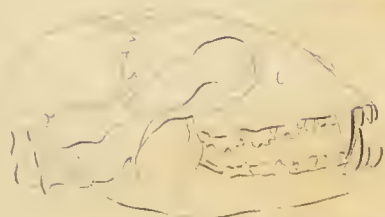
3



1. *Talpa europaea*, Lin. [The Common Mole.] 2. *Condylura cristata*, Lin. [The Radated or American Mole.] 3. *Scalops aquaticus*, Lin. [The Canadian Sealops.]



1. *Ursus americanus*. Gm. (The North American Black Bear) 2. *Ursus ferox*. Lewis & Clarke.
(The Grizzly Bear) 3. *Ursus maritimus*. The Polar Bear



1. *Ursus ornatus* (The Black Bear of the Cordilleras) 2. *Procyon lotor* (The Raccoon)
3. *Ailurus Redigens* (The Shining Panda)



Heads of two Anomalous Mammiferous Animals
 1 2 3 the skull of the Aye-Aye (*Cheironomys Madagascariensis*) in three views
 the base 1 the top 2 the side 3.

4 5 6 the skull of the Wombat (*Didelphis Ursina* Shaw *Phascogonomys ursinus* Geoff. Cuv.)
 in three views the base 4 the top 5 the side 6.

London G. Henderson & J. B. Bailey.



1. Head of the White Bentaring.

2. Potos canaliculatus The prehensile tailed Potos.

3. Nasua rufa (The Red Gouti)



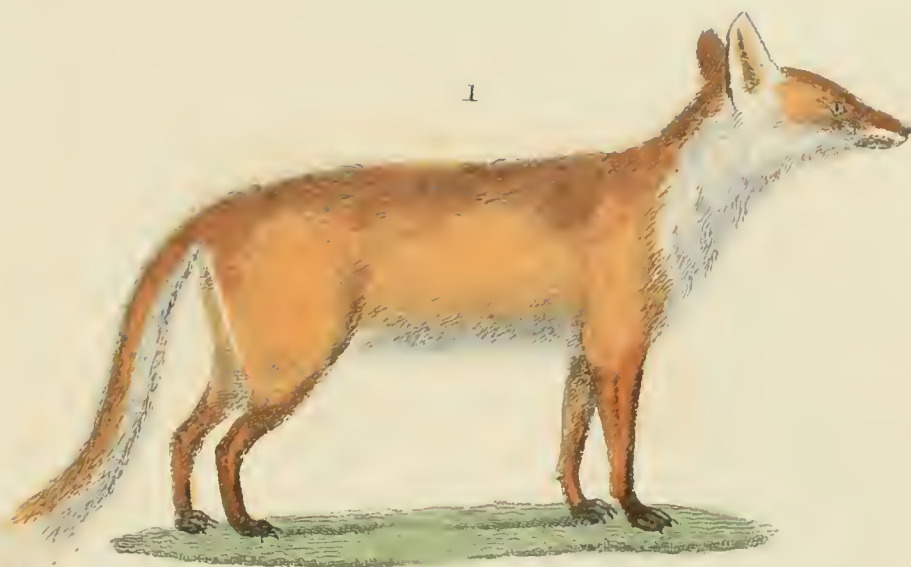
1 *Meles vulgaris* (The Common Badger) 2 *Gulo arcticus* (The Arctic Glutton)
3 *Putorius norillo* (The Cape Pole Cat or Zorillo)



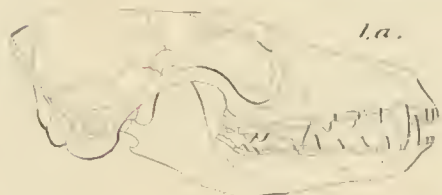
1 *Mustela pekan* (The Canadian Marten or Pekan) 2 *Mephitis americana* The American Skunk
Lutra nair (The Pondicherry Otter) 4 Head of the Japanese Teledu.



1. *Paradoxurus typus* (The Pongourie of India) 2. *Herpestes catina* (The Mongoose of India)
 3. *Cranium & Jaws of (Viverra Tydactyla) the Suricate* 4. *Proteles lalandii* (The Mongoose of Laland)



$\frac{1}{12}$ n.s.



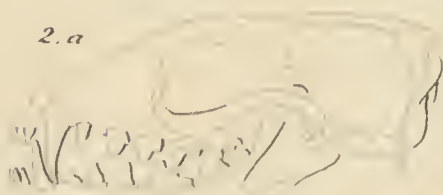
1.a.

1.b.

2

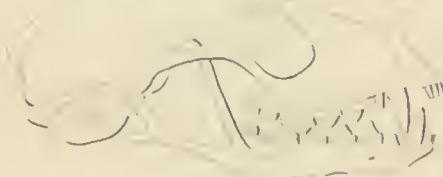


$\frac{1}{12}$ n.s.



2.a

3.a



$\frac{1}{7}$ n.s.

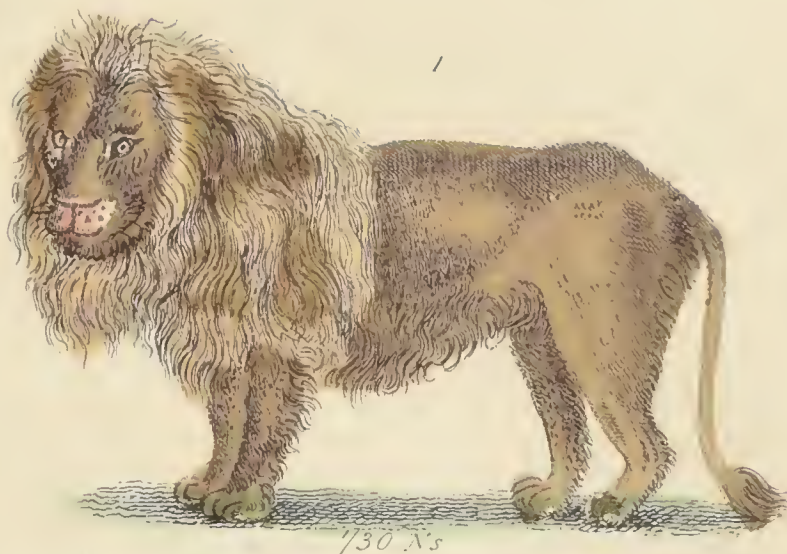
1. *Canis vulpes* (The common Fox) 2. *Niverra civetta* (The Civet.)
3. *Genetta Civ. Niverra genetta* Lin: (The common Genet)





1 *Ursus brunneus* Thunberg (The Brown Hyena)

2 *Tigres typus* (The Royal Tiger)



1. *Felis leo* Lin. The lion 2. *Felis leopardus* Lin. The leopard

3. *Felis catus* Lin. The Domestic Cat



1. *Calocephalus vitulinus*. Lin. civ. (The Common Seal) 2. *Macrorhinus proboscideus*. Cuv. (The Elephant Seal) 3. *Otaria jubata*. (The Sea Lion of Steller, Pernetty &c.) 4. *Otaria ursina*. (The Sea Bear) 5. *Trichechus rosmarus*. Lin. civ. (The Sea Cow of the Eastern Hemisphere)



1. *Didelphis cancrivora* The Crab-eating Opossum. 2. *Dasypus riverianus* Walter Dasyurus.
3. *Perameles nasutus* Geoff. The Thornbill.



1. *Hypsiprymnus* White, Quoy et Gaim. The Kangaroo Rat or Potoroo. 2. Head of *Macropus major* Schow (The Greater Kangaroo) 3. *Phascolomys cinereus* Gold. The Koala 4. *Phascolomys* Wombat, Per. (The Wombat)



1. *Phalangista rufa* Geoff. (The female hollow-fronted Phalanger) 2. Head of the *Petaurus taquanoides* Desm. (Taquan Phalanger) 3. *Petaurus pygmaeus* Sch. (The Flying Dwarf Phalanger)





1 *Sciurops aureogaster*, Fr. Cav. / The Golden bellied Squirrel ' 2 Head of a Cuvieringuet, A sort of Squirrel ' 3. *Pteromys volucella*, L. / The American Flying Squirrel ' 4. *Chetomys madagascariensis* (Gmel.) / The Aye-Aye



1. *Hydromys chrysogaster*, Geoff. The Hydromys. 2. *Capromys leysii*, The Muntia.
3. *Mus decumanus*, Pall. The Sewer Rat or Common Norway Rat.



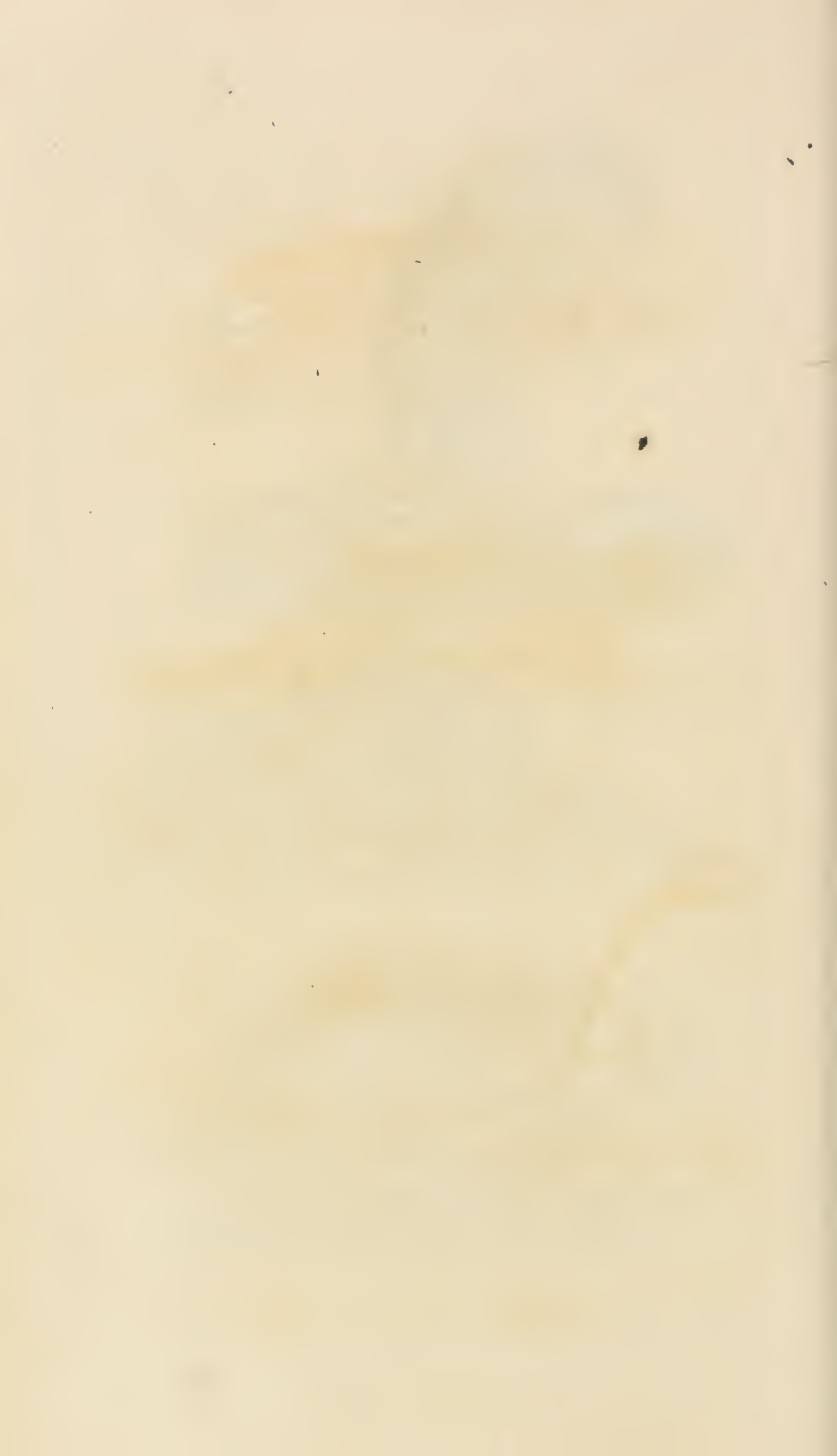
1. *Arctomys enpetra*, Schv. The Quebec Marmot! 2. *Myoxus glis* L. The Fat Dormouse! 3. *Echinomys cayennensis*, Geoff. (The Cayenne Echinomys!) 4. Head of the *Echinomys dactylinus*, Geoff. (Long-toed Echinomys.)



1. *Geomys bursarius* Shaw, *Inv.* (The Canadian Hamster) 2. *Castor fiber* Buff. *Inv.* (The Beaver)
3. *Myopotamus cupus* Molina, *Inv.* (The Guinea)



1. *Gerbillus pyramidum*. Isid. Geoff. *The Gerbil of the Pyramids* / 2. *Cricetus vulgaris*. Desm. *The Common Hamster* / 3. *Arvicola arconomus*. Desm. *The Meadow Campagnole*.





1. *Georychus lemmus*, L. (The Lemming) 2. *Otomys capensis* Fr. Cav. (The Cape Otomys)
3. *Dipus hirtipes*, Lich. (The Hairy-footed Jerboa)

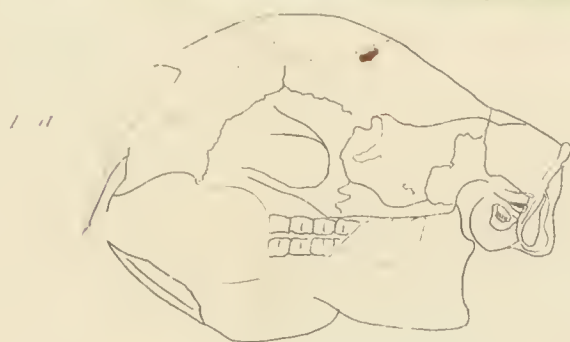




1 *Helanys caffer*. The Jumping Hare. 2 *Spalax typhlus*. The Blind Rat Mole.
3 *Bathergus maritimus*. The Maritime Rat Mole.



1 *Hystrix cristata*. Lin. (The Crested Porcupine). 2 *Hystrix hesperulata*. Lin. (The pencil-tailed Porcupine). 3 *Hystrix prehensilis*. Lin. (The prehensile-tailed Porcupine or armadillo).



1. *Hystrix cristata*, Lin. 'The Common Porcupine.'

2. *Syntheres insidiosa* 'The Coati of Brazil.'



1. *Lepus timidus*, Lin. (The Common Hare) 2. *Lagomys alpinus*, Pall. (The *Lagomys pica*, or Alpine Hare)
3. *Hydrochirus capybara* (The Capybara)

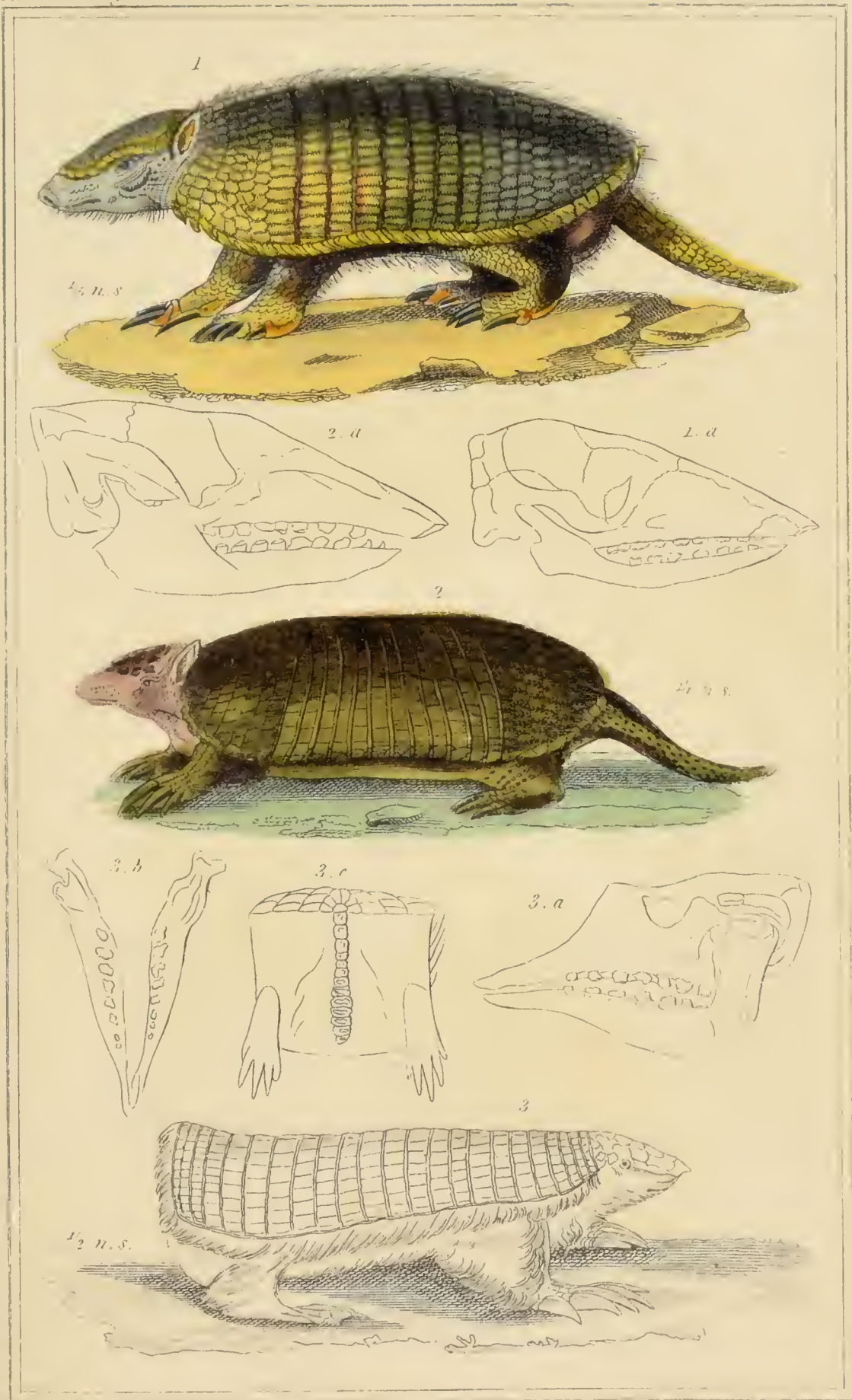


1. *Acanthia robusta* (Apetea) The Guinea Pig 2. *Chloromys acucha* The Acouchi
3. *Cricetomys parva* The White-Spotted Paca

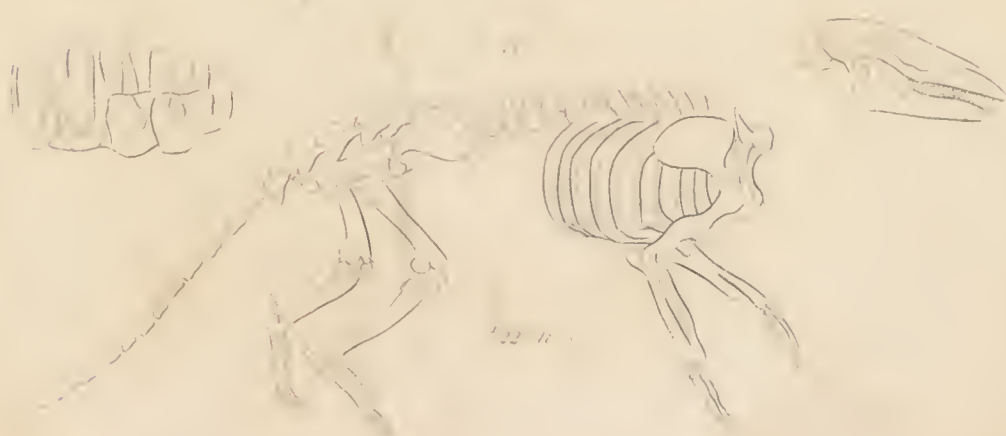


1. *Acheus torquatus*, Geoff. (The Black Collared Ar)

2. *Bradypus didactylus* (The Unau)



1 *Dasypus encubert* Desm. /The Six-banded Armadillo/ 2. *Dasypus univittatus* L. /The Tatouay/
3 *Chlamyphorus truncatus* Harlan. /The Truncated Clamphore of Chili/



1. *Megatherium Givieri Desm.* 2. *Mastodon giganteum Cuv.* The Great Mastodon

3. *Anoplotherium Commune Cuv.*

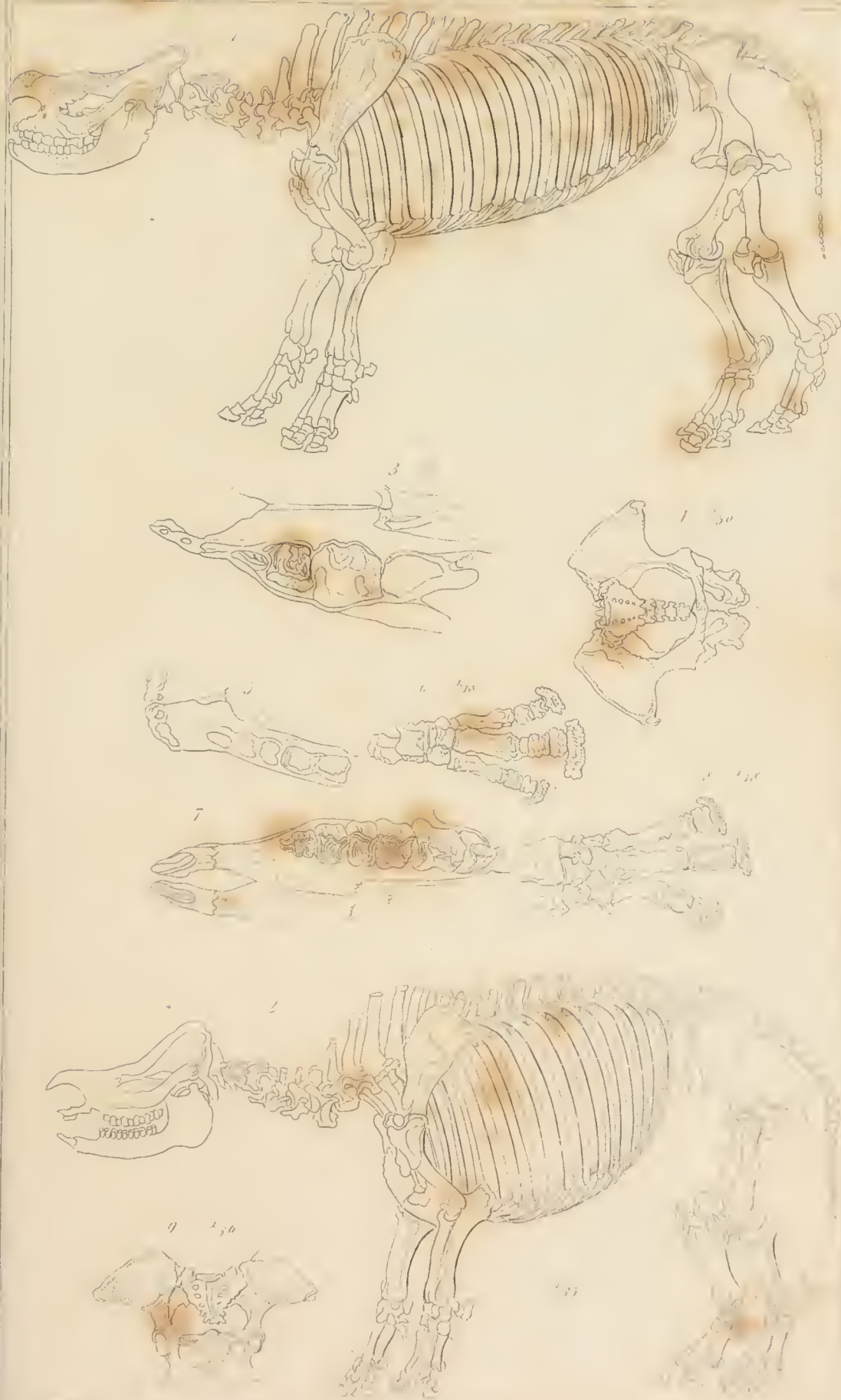




2. a



1 *Orycteropus capensis*. The Cape Ground Hog! 2. *Myrmecophaga didactyla* The Two toed Ant Eater!
3. Head of the *Myrmecophaga jubata* Tamanoir! 4. *Manis tetradactyla* Lin. The Manis Dug!



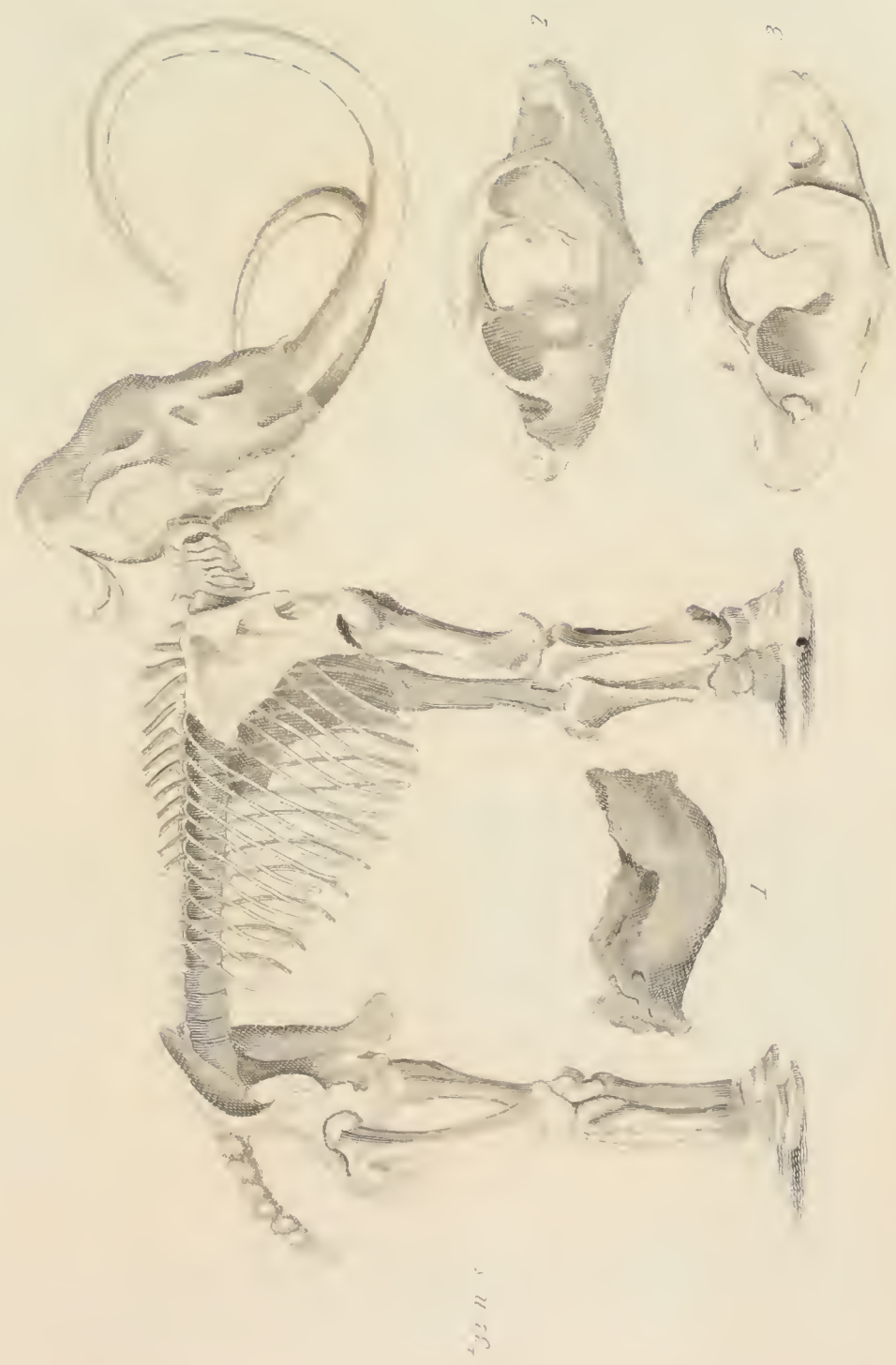
1 Skeleton of the Two horned Rhinoceros 2. Skeleton of the One horned Rhinoceros of Java.
3 to 9. Anatomical details of the Rhinoceros. For further description see explanation of the plates at the commence-
ment of the Volume.





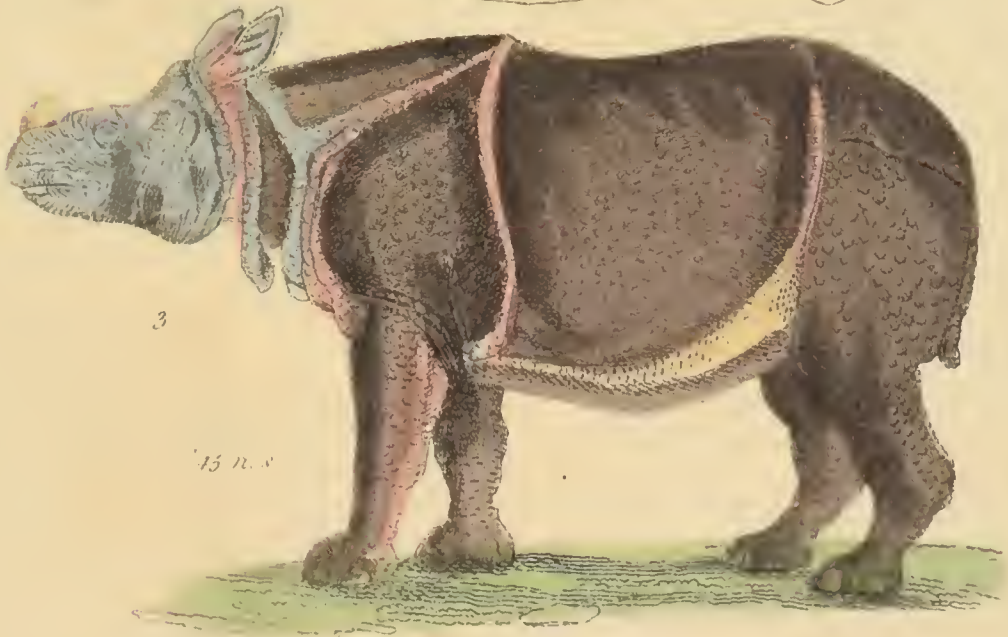
1. *Echidna setosa*. The Hairy Echidna

2. *Ornithorhynchus paradoxus* Blum. The Paradoxical Animal of New Holland



*Skeleton of the Indian Elephant,
in a nearly althed species in a fossil state, discovered in Siberia*

1

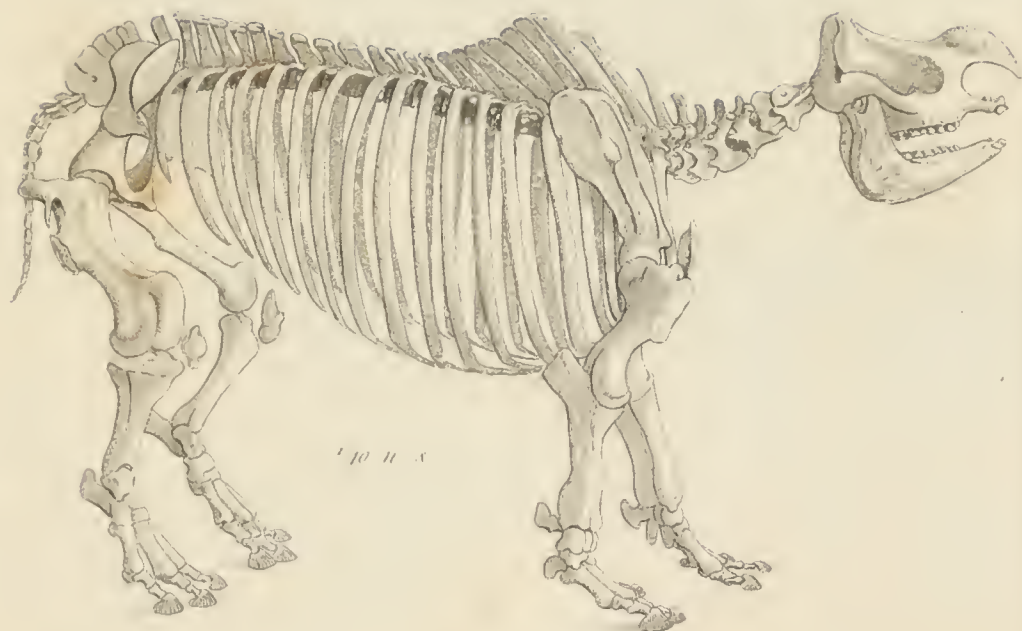


1 *Elephas indicus* The Indian Elephant 2 Teeth of *Elephas* The African Elephant
3 *Rhinoceros indicus* The Indian Rhinoceros

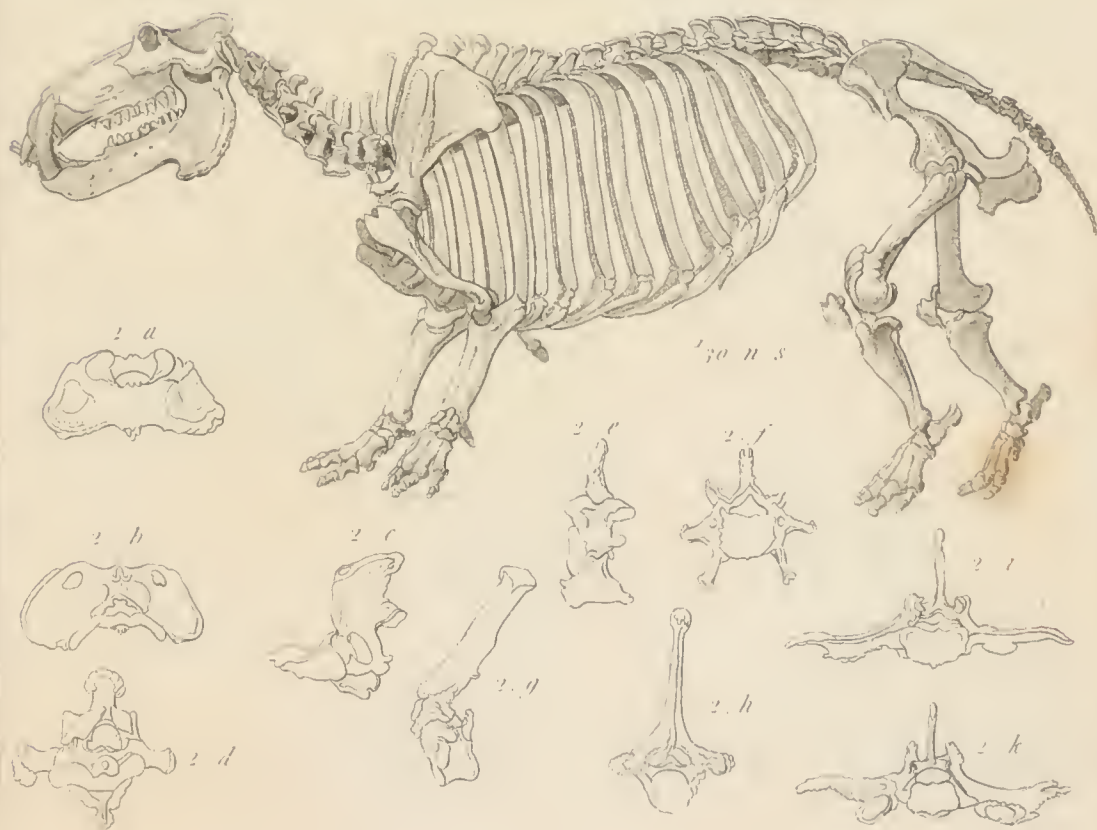


1. *Dicotyles labialis* The White-lipped Pervary or Tadjassent 2 *Phacochæres Elandi* Rapp. The Hog of Eland 3 *Sus scrofa* Var. of *Asiatic* The Wild Hog.

1

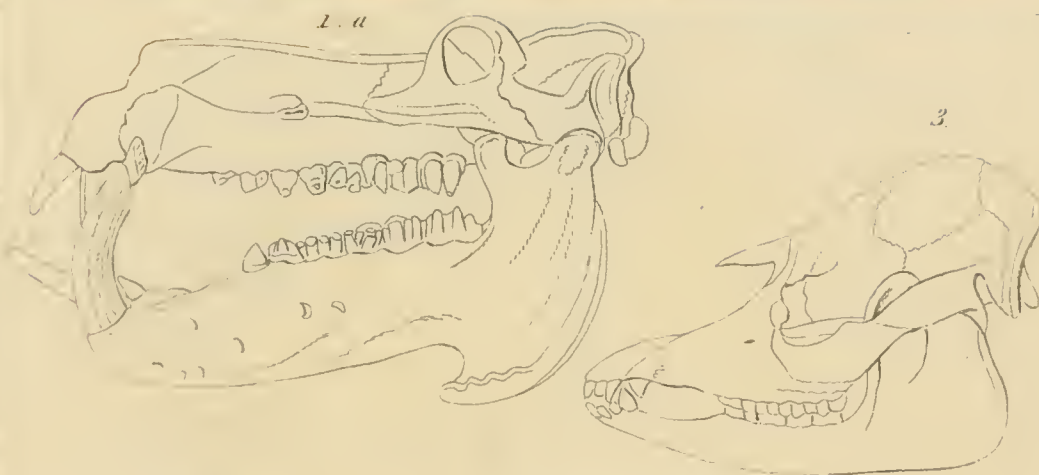


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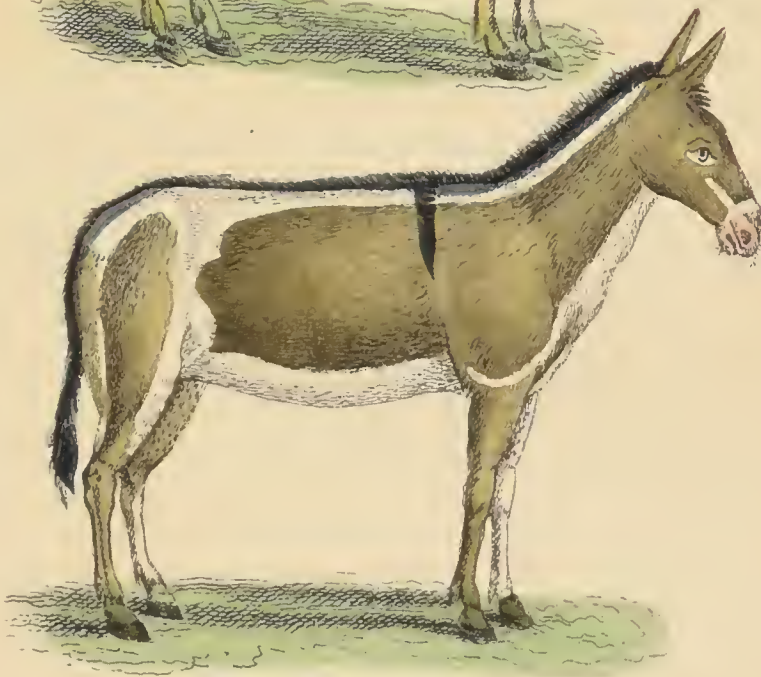
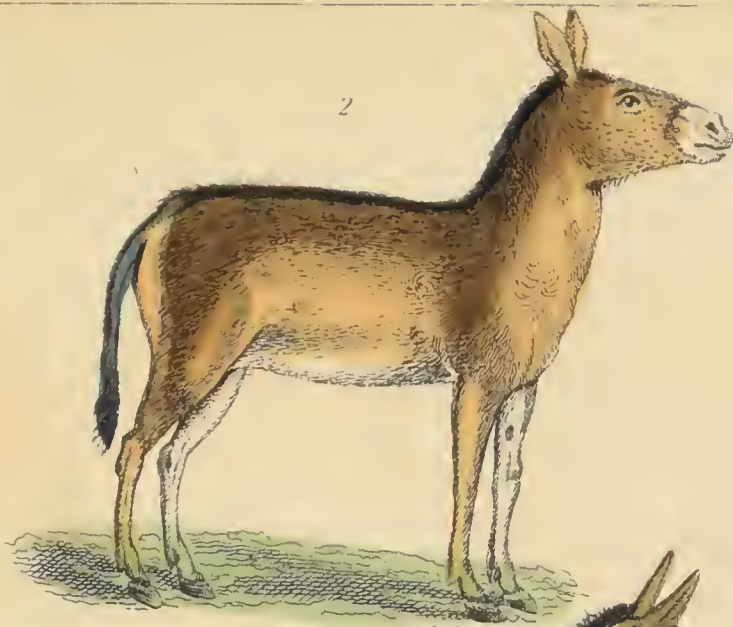


1. Skeleton of the *Rhinoceros unicornis* (One horned or Indian Rhinoceros)
2. Skeleton of the *Hippopotamus amphibius* (The Hippopotamus)

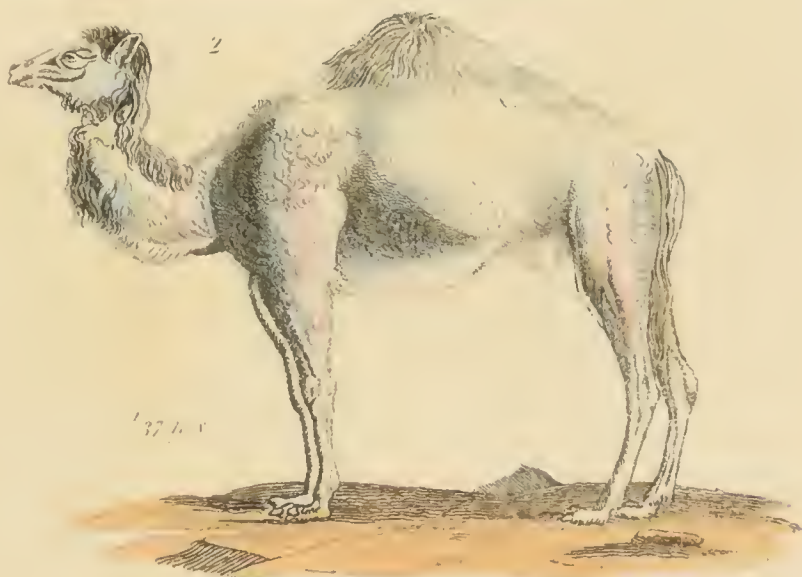




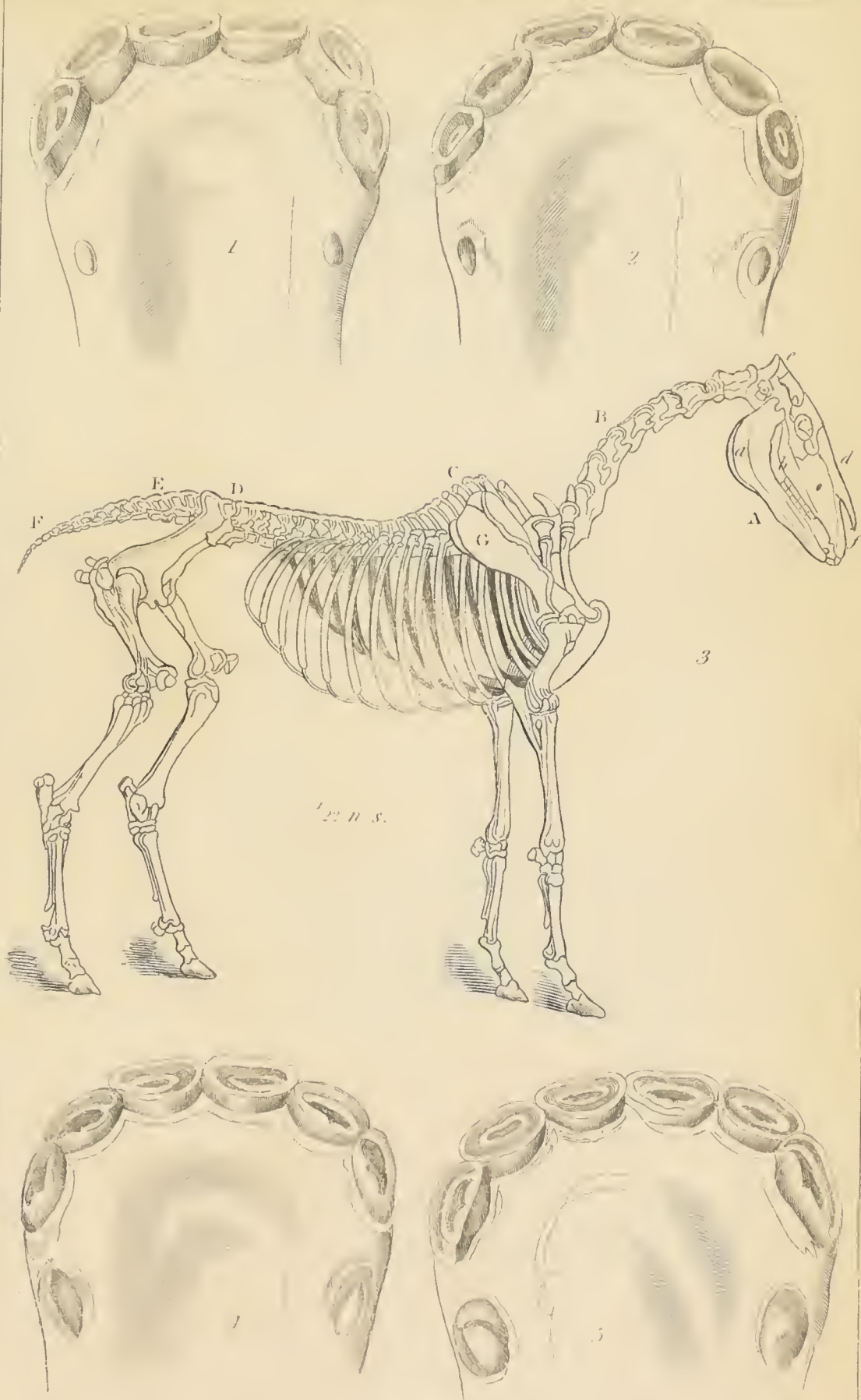
1 Hippopotamus amphibius, L. The Hippopotamus. 2 Tapir indicus. The Tapir of India.
3 Head of Tapir americanus, L. The American Tapir.



1. *Equus montanus* Burchell (The Przewalski) 2. *Equus hemionus* Pallas (The Dziggurtai)
3. *Equus zebra* Lin (The Zebra)



1. *Equus quagga* Lin. (The Quagga) 2. *Camelus guanicoe* L. (The Guanaco)
3. *Acchamia guanicoe* Lin. Var. Alpaca. (The Alpaca)



1 The teeth of a horse three years old. 2 The teeth of a horse four years old. 3 External structure of *Equus Caballus*. The Common Horse. A The Head. a The posterior maxillary or under jaw. b The superior maxillary or upper jaw. c The orbit. d The nasal bones. e The suture dividing the parietal bones below. f The occipital bones above. g The inferior maxillary bone. B The Seven Cervical Vertebrae. C The Eighteen Dorsal Vertebrae. D The Six lumbar Vertebrae. E The Five Sacral Vertebrae. F The Caudal Vertebrae. G The Scapula or shoulder blade. 4 The teeth of a horse five years old. 5 The teeth of a horse six years old.



1. *Moschus pygmaeus* Bull. The Pygmy Musk Ox. 2. Head of *Moschus moschiferus* The Musk Ox.
3. *Cervus virginianus* The Virginia Deer.



10 n.s.

2



10 n.s.

1. *Cervus tarandus* L. The Reindeer 2. *Cervus elaphus* L. The common Stag



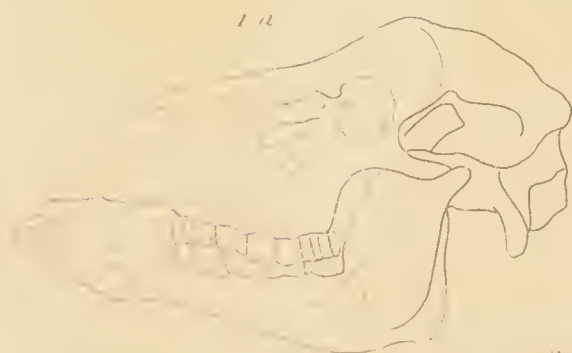
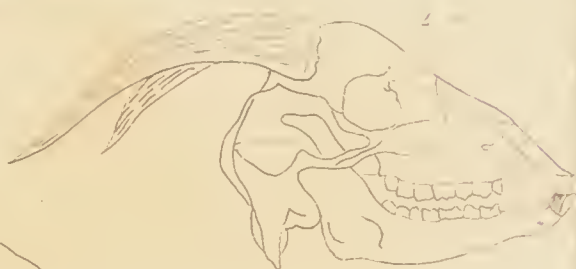
20 N.S.

Cervus canadensis Lin. The Elk

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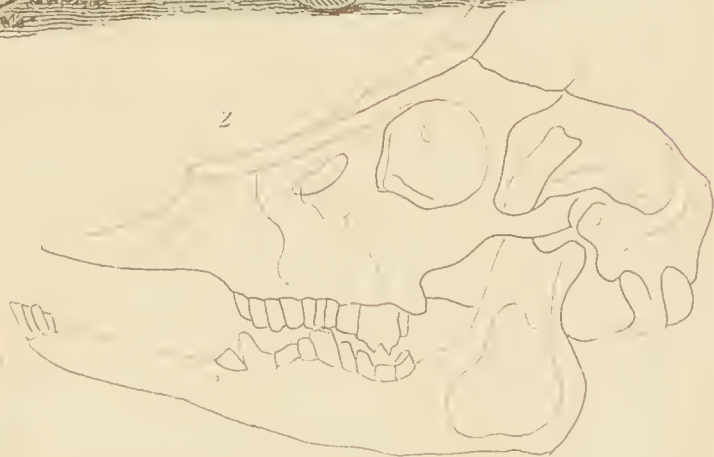


1 *Camelopardalis girata* The Giraffe



1 *Ovis ammon* Lin. Var. *laticauda* Lin. The Argali of Siberia

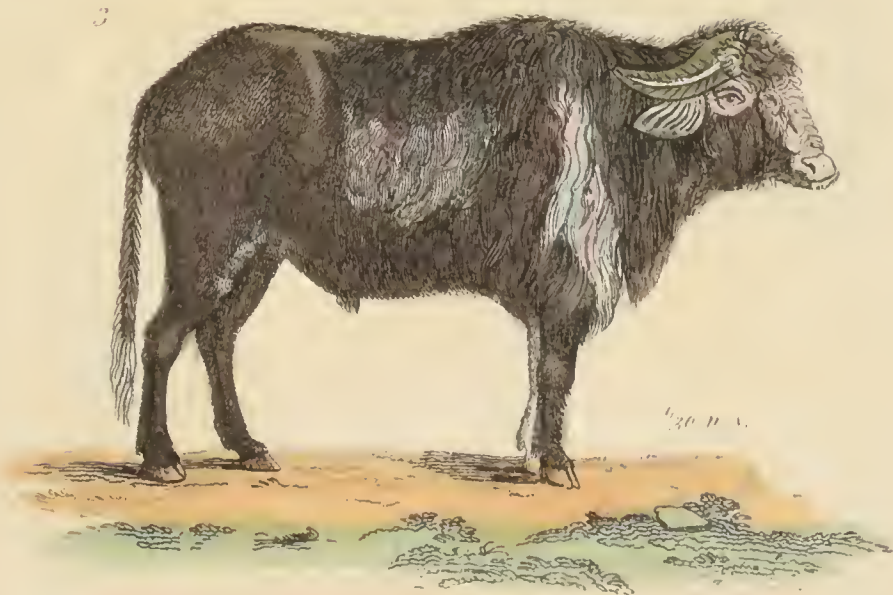
2 *Capra aegreus* Lin. The Wild Goat



1 Antelope koevella, Gmel. (The Koevel Antelope)

2 Head of the Gazelle

3 Antelope gazella, Lin. (The Gazelle)



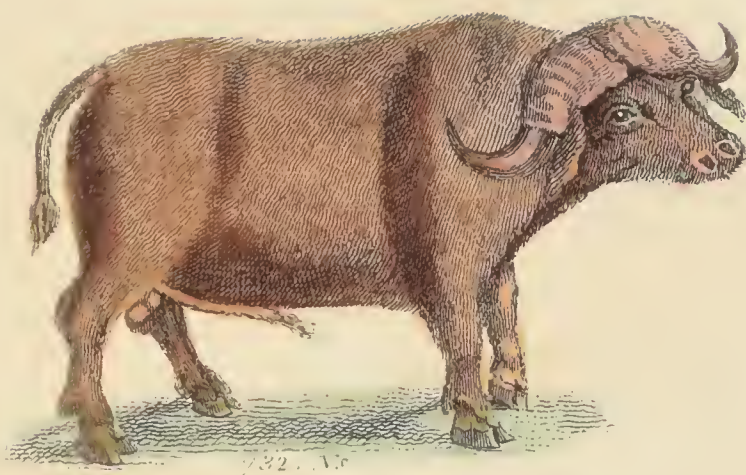
1. *Bos bison* Linc. The American Buffalo or Bison. 2. Head of *Bos taurus* Linc. The Common Ox.
3. *Bos bubalus* Linc. The Buffalo.



1. Head of the *Bos moschatus*. Male. for female figure see *Mammalia*. Pl. 59. 2. *Ovis montanus*. Geoff. *The Mouflon of Sardinia*. 3. *Ovis tragelaphus*. *Giv. The Mouflon of Africa*. 4. *Bos urus*. *Giv. (The Auroch)*.

London, G. Henderson, 2, Old Bailey

1



2



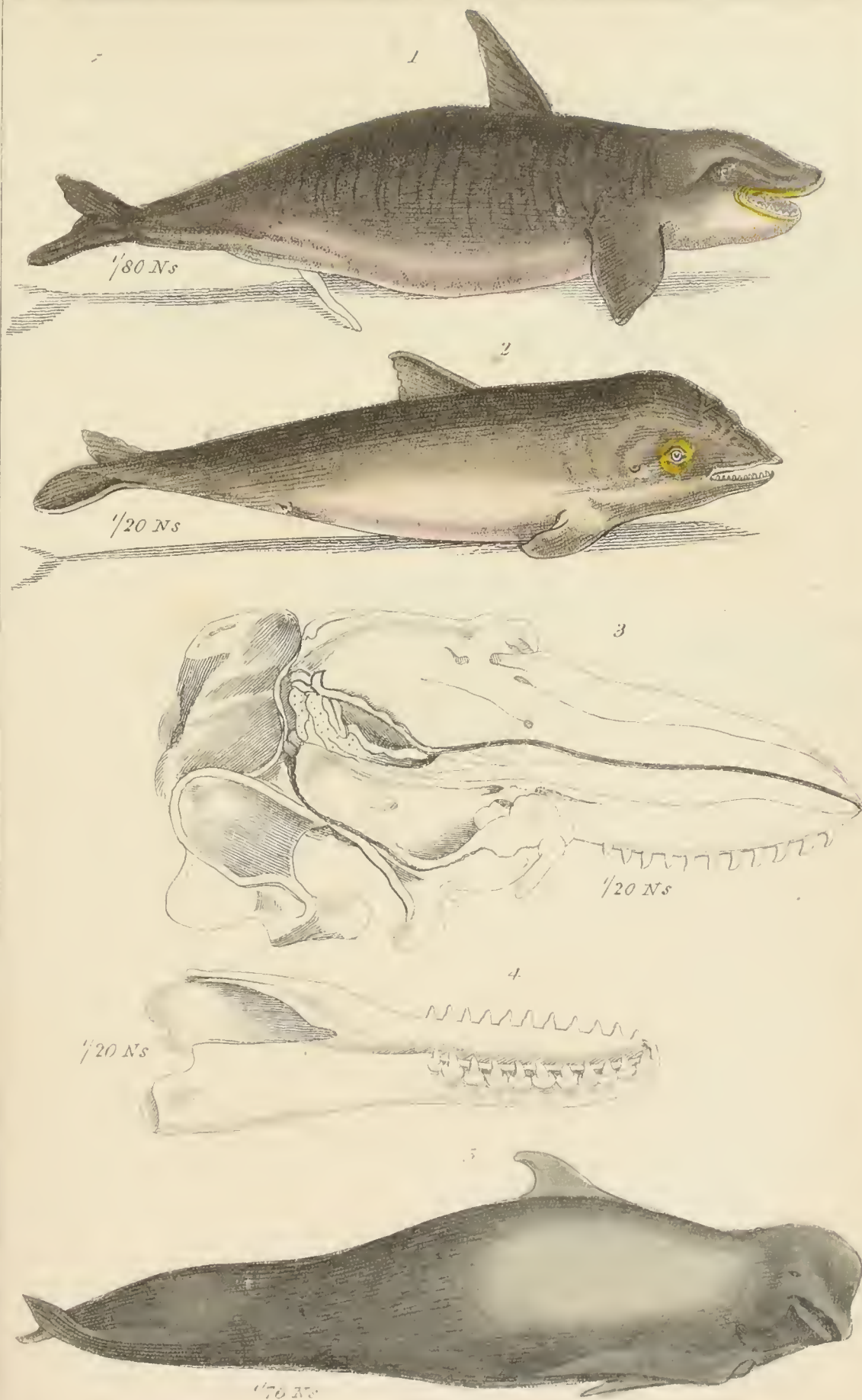
3



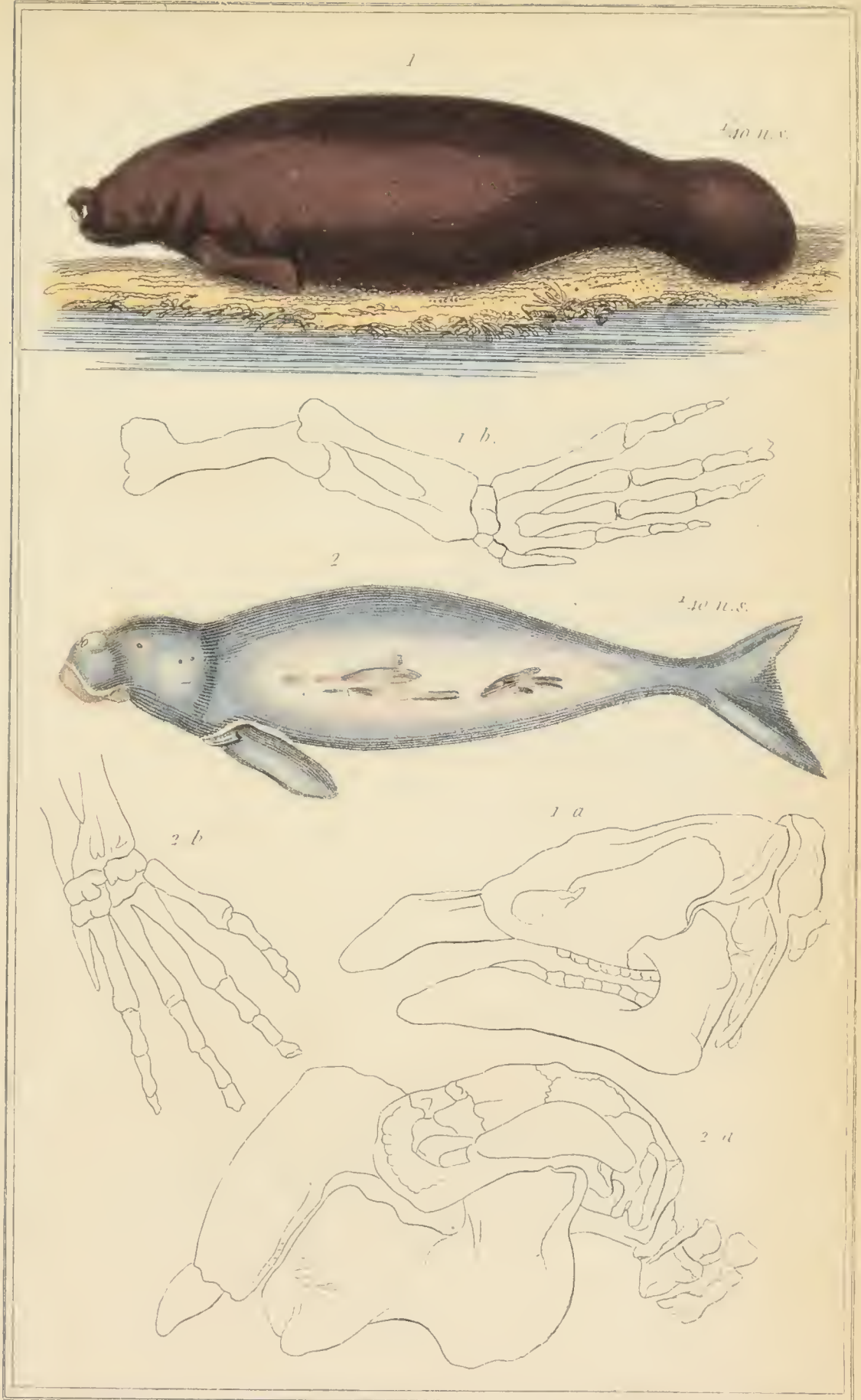
1. *Bos capensis*. Sparrm. The Cape Buffalo. 2. *Bos moschatus*. Gm. The Musk Ox of America.

3. *Bos grunniens*. Pall. The grunting cow of Tartary.

London. G. Henderson. 2. Old Bailey.

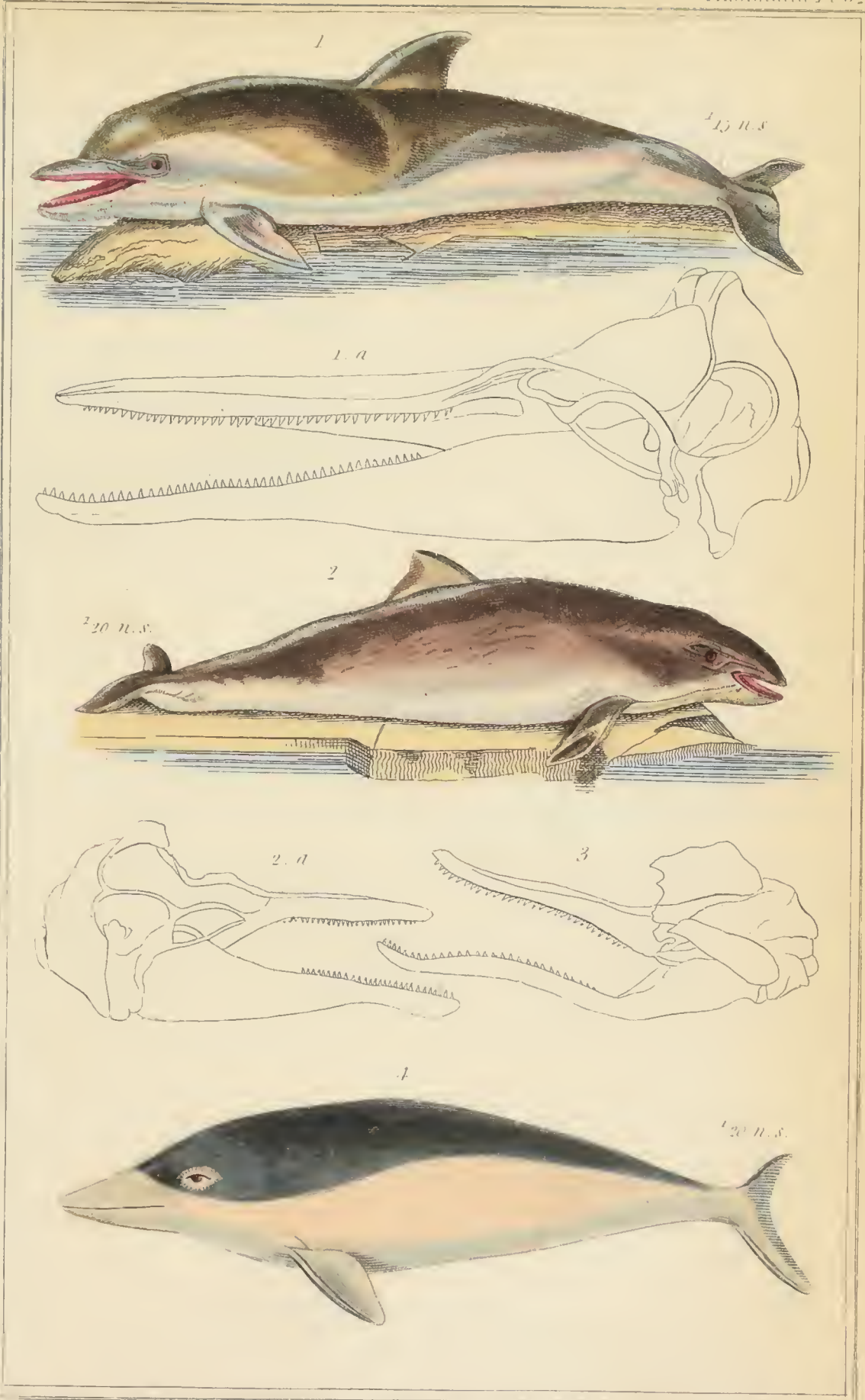


1. *Delphinus orca*, Læp. 'The Grampus'. 2. *Delphinus capensis*, Duss. 'The Cape Porpoise'. 3. The Head & upper jaw of the *Delphinus orca*. 4. The lower jaw of the *Delphinus orca*. 5. *Delphinus globiceps*, Guv. 'The round headed Grampus'.



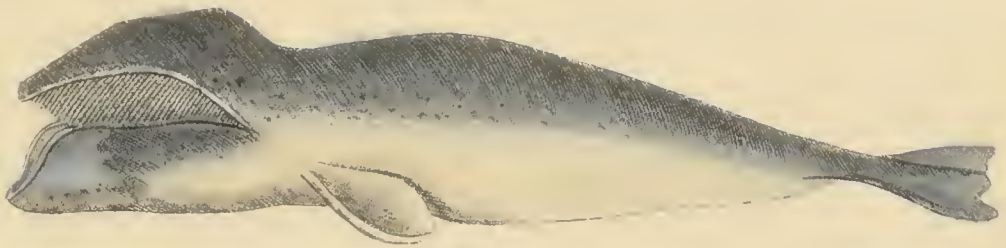
1. *Manatus americanus* Desm. The American Manatee or Sea Cow.

2. *Halicore dugong*. The Dugong.



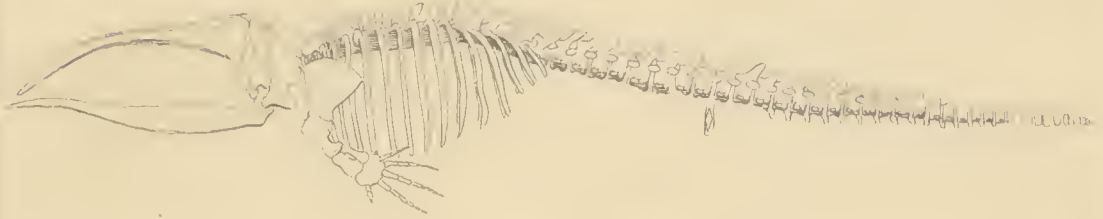
1 *Delphinus delphis*, L. The Common Dolphin. 2. *Phocaena vulgaris*. The Common Porpoise. 3 Head of *Delphinorhynchus gangeticus* Rev. The Dolphin of the Ganges. 4 *Delphinapterus leucorhynchus*, Erren. The South Sea Porpoise.

3

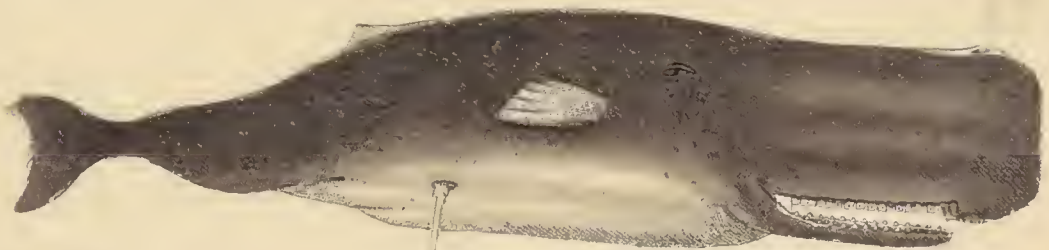


$\frac{1}{2}$ 300 n.s.

3. a

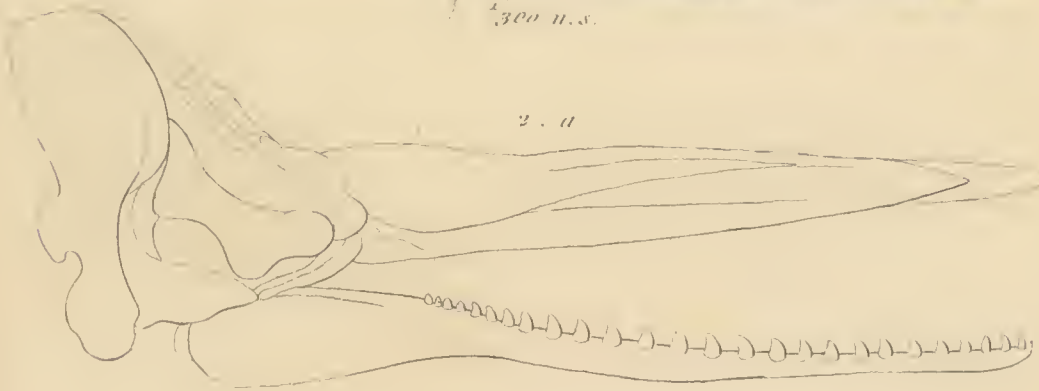


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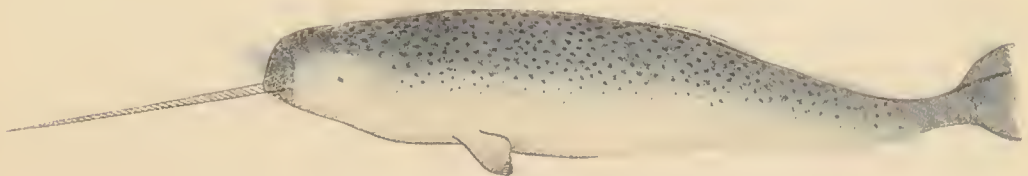


$\frac{1}{2}$ 300 n.s.

2. a



1



$\frac{1}{2}$ 66 n.s.

1. *Monodon monoceros*, L. (The Narwhal) 2. *Physeter macrocephalus*, Shaw (The Cachalot or Spermaceti Whale) 3. *Balaena mysticetus*, L. (The great Greenland or Common Whale)



1. *Vultur indicus*, Lin. (The Indian Vulture) 2. *Sarcoramphus gryphus*, Lin. (The Gander or great Vulture of the Indies) 3. *Sarcoramphus papa*, Lin. (The King of the Vultures) 4. *Gypaetos barbatus*, Lin. (The Lamb's Vulture) 5. Head of the *Cathartes aura*, Lin. (The Turkey Buzzard)

London, G. Henderson, 2 Old Bailey.



1 Falco Fulvis Lin (The Common Eagle) 2 Neophron Percnopteri Sav. 3 Falco Ossifragus Lin
The Ossifragus



1. *Falco communis* Gm. The Common Falcon. 2. *Falco nova Hollandiae* White. The Goshawk of New Holland.
3. *Falco candicans* & *Islandicus* Gm. The Gurfalcon.



1. *Falco fementalis*. 2. *Aquila malaiensis*.
3. *Astur xanthothorax*. 4. Head of the Gervault.



1. *Falco parisiensis*. Lath. 2. *Falco cayennensis*. Gm. 3. *Falco occipitalis*. Daud.



1. *Milvus forficatus* (The fork tailed Kite) 2. Head of the *Perisoreus cristatus* The crested Honey buzzard of Java
3. *Buteo jacksoni* (The Rou-nou or Jackal buzzard) 4. *Serpentarius cristatus* The crested Secretary or snake eater



1 *Peris cristata* Guvier The Honey Buzzard of Java . 2. *Falco pennsylvanicus* Wils The American Sparrow hawk . 3. *Buteo albicaudatus* Vahl The White-tailed Buzzard .

London G Henderson 2, Old Bailey



1 *Falco Haliaetus* L. The Osprey 2 *Harpyia Ferox* The American Harpy 3 *Caracara Vulgaris* The Common Caracara



1 *Harpyia Macrochlamys* Vieillot. The Great Harpy. 2 View of the Head and Face of Fig. 1. 3 *Harpyia Gyransensis* Daud. The Small Eagle of Guatana.



1. *Falco palustris*. Pr. Mar.ⁿ 2. *Strix bubo*. Ent. (The Grand Duc)

3. *Syrnium aluco*. Lin.



1. *Otus macrorhynchus* Temm. The large beaked Owl. 2. *Strix flammea* L. The Ominous Screech Owl.
3. *Scymnus pagodorum* Temm. The Villane Owl.



- 1 *Bubo virginianus* (the Virginian Owl.)
 2 *Nortea ulula* (the Screeching Owl.)
 3 *Scops vulgaris* (the Common Scops or Owl.)
 London G. Henderson & Chas. Bailey



1 *Edolus temifer* (Lanius Shaw) (The Malabar Shrike)
 2 *Phyalura flavescens* (The Brazilian Yellow Bell)



1. *Cuculus gularis* (The spotted Cuckoo) 2. *Coccyzus Geoffreyi* (The couas Cuckoo)
3. *Centropus menabiki* (The lark-nailed Coucal)



1. *Coccyzus cristatus* Vieillot The Cuckoo 2. *Cuculus canorus* Lin. The Common Cuckoo
3. The Bill of the *Santothra vetula* Vieillot An Indicator Minor Vieillot The Indicator





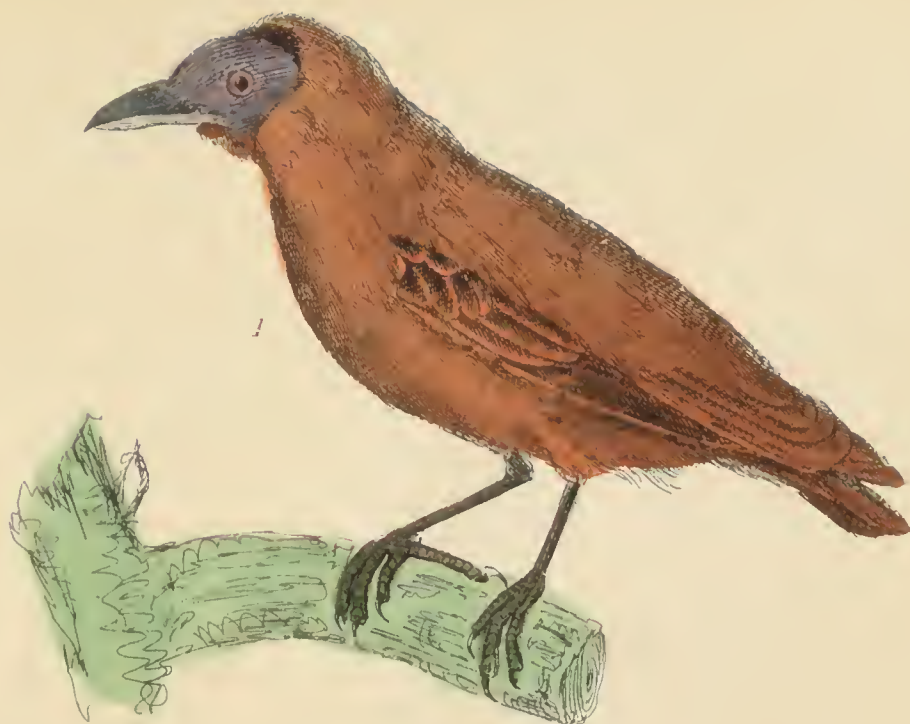
1. *Lanius collaris* (the collared Shrike) 2. *Gracula melanurus* (the dark eyed Grackle) 3. *Barnard's* *Myiarchus cinerascens* (the Norfolk Island Warbler) 4. Bill of the Yellow-bellied Sapsucker 5. Bill of the American Goldfinch 6. Bill of the Azure-bellied Flycatcher 7. the Bill of the Swallow-tailed Vireo 8. Bill of the House Wren



1 *Ocypterus Albovittatus* *Vaill.* 2. *Lanius Plumatus* *Shaw.* 3 *Barita Anaphoresis* *Temm.*



1. *Lanius Pitangua* Gmel. 2. *Bethylus picatus* Vail. 3. *Lanius Cayanus*. Gmel.

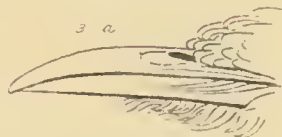


1. *Gymnocephalus capucinus*. Lf's. 2. *Ampelis cotinga*. L. 3. *Muscicapa paridisi*. Gm.
The Fly-catcher.



1 *Pardalotus cristatus* Vieill. (The ornamented Pardalote) 2. Bill of the *Lanius tyrannus* (The Tyrant) 3. Bill of the *Muscipeta coronata* (The Crested Muscivora) 4. *Muscivora miniata* Tem. (The small Fly catcher) 5. Bill of the *Gymnocephalus calvus* Tem. (The bald Tyrant) 6. Bill of the *Platyrhynchus canerous* Tem. (The Broad-billed Fly catcher) 7. *Cephalopterus ornatus* Geoff. Stuhl. (The ornamented Cephalopterus)





- 1 *Myothera superciliosa*, the supercilious Ant catcher.
- 2 *Cinclis vulgaris*, the Common Water Thrush.
- 3 *Phylloscopus granularis*, the carunculata, the Ant.

from the G. Herd.



Struthio caroli (Ostrich of the Eastern Continent.)

L. & A. G. Henderson 2. Old Bailey.



1. *Ampelis carnifex*. 'The Butcher Chatterer.' 2. Head of the *Procnias averano*. 'The variegated Chatterer.'
 3. *Bombycilla cedrorum*. 'The Chatterer of the Cedars.' 4. *Gymnoderes nuchicollis*. 'The bare-necked Chatterer.'
 5. Spiny ramp-feather & Bill of *Ceryle pyris canus*. 'The African Crown-bird.' 6. Bill of the *Tersina harradina*.
 'The Swallow-Crown-bird.'



1. *Tanagra mexicana* Gm. 2. *Ampelis garrulus* L. The Bohemian Chatterer. 3. *Tardus palmarum* Gm.

London, G. Henderson, 2, Old Bailey.



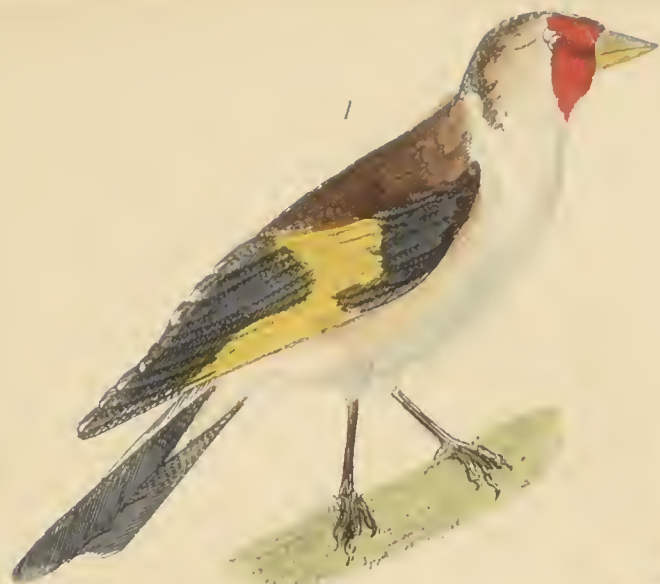
1. *Tanagra magna* L. The Grosbeak Tanager. 2. *Turdus merula* L. (The European Blackbird).
3. *Tanagra jacapa*. *im.*



1 *Oriolus gutbula* L. (The Yellow Thrush) 2 *Cirallina melanoleuca* Vieill
3 *Merops monachus* Lath.



1. *Eurglanis corydon* Temm. 2. *Pipra parvula* End. The Manakin. 3. *Emberiza citrinella* Linn. The Yellow Bunting.



1. *Fringilla carduelis* Linn. / The Common Goldfinch / 2. *Rupicola viridis* Temm. / The Green Cock of the Rock / 3. *Fringilla montifringilla* Linn. / The Mountain Finch.





1. *Ficedula sialis*. (The American Stone chat) 2. *Corruca subalpina*. The Curruc of the lesser Alps) 3. *Regulus ignicapillus*. 4. Bill of the Accentor alpinus. Bechst. The descender of the Alps) 5. Bill of the Saxicola rubicola. Lin. (The Mill chapper)



1. *Alauda apicata*, Vieill. (The Batelense) 2. *Parus biarmicus*, (The Bearded Titmouse) 3. Head of the *Parus coruleus*, (The Blue Titmouse) 4. *Pyrgita ciris*, (The Lark Bunting) 5. Bill of the *Remiz*, (The Pendulous Titmouse) 6. Bill of the *Alauda calandra*, (The Calandre Lark) 7. Bill of the *Emberiza cyclus*, (The Girl Bunting) 8. Bill of the *Tisserin jaune*, (The Yellow Weaver) 9. Bill of the *Fringilla montifringilla*, (The Mountain Finch) 10. Bill of the *Luscinia cannabina*, (The Linnet)



1. *Vidua longicauda* Gmel. (The long tailed Widow) 2. Bill of the Common Gros beak. 3. Bill of the *Pitylus canadensis* (The Canadian Grosbeak) 4. *Pyrrhula vulgaris* Briss. (The Common Bullfinch) 5. Bill of the *Loxia curvirostra* Lin. (The Cross bill) 6. Bill of the *Corythus nucleator*. 7. *Colinus leucocottus* Lath. (The Cotey) 8. Bill of the *Buphaga africana* (The Bee eater)



1 *Eulabes javanus* Vieill. The Javanese Grackle. 2 *Coccothraustes vespertina* Vieill. The Martin.
3 *Pyrrhocorax alpinus* (The Alpine Crow). A Bill of the *Manorhina viridis* The Green B. Crow.



1 *Anabates superciliosus* (The Thrush billed Nuthatch) 2. *Synallaxis tessellata* (The Tessellated Nuthatch)
 3 *Sitta castanea* Col. du Mus (The European Nuthatch) A Bill of the *Xenops rufus* (The Shining Nuthatch)

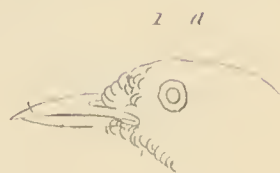


1 Oriolus chinensis Vahl The Chinese Oriole Plate

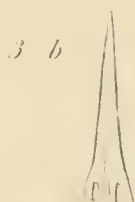
2 Menura lyra Vieill The Lyra Bird or Superb Manura



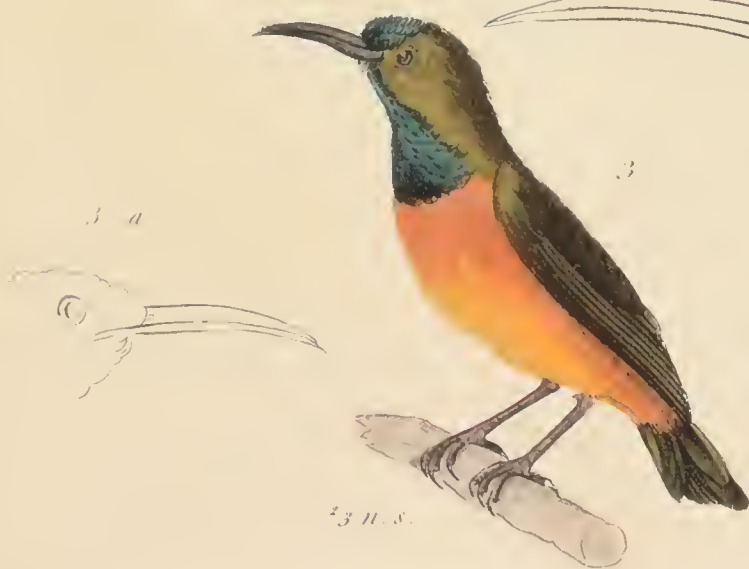
1. *Motacilla alba* (The Wheat-eat) 2. *Motacilla luscinioides* (The Nightingale) 3. *Sylvia subalpina* Bonelli.



23 H. S.



22 H. S.



23 H. S.

1. *Dicaeum erythronotus* Vieill. (The Scarlet backed Creeper) 2. *Melthreptus vestitus* (The Scarlet Feathered Creeper) 3. *Cinnerys solaris* Tem. (The Sun Creeper) 4. Bill of the *Arachnothera longirostris* Tem. (The Long-billed Creeper)



1. *Pica chrysops*. The crested jay. 2. *Carrulus cristatus*. The Blue Jay of Catesby. 3. *Tenura varians*. The variable Pie. 4. *Corvus splendens*. Bill of the splendid Jay. 5. *Caryocatactes vulgaris*. Bill of the Common Futenucker. 6. *Glaucopsis cinerea*. The Ash-coloured Glaucopsis.



1. *Corvus leucophaea*. Temm. The Northern Raven. 2. *Corvus c. nuxtorques*. L. Common Nutcracker. 3. *Corvus glandarius*. Lin. The Jay.



1. *Paradisaea apoda*. Great Bird of Paradise) also called the Emerald Bird of Paradise

2. *Paradisaea aurca*. Golden breasted Bird of Paradise



1. *Rupicola vulqertii*. The Common Cock of the Rock. 2. *Pipra erythrocephala*. The Yellow-headed Manakin.

3. *Eurdamas macrochrychus*. Linnæus & Temminck.



1. *Cypselus niger*. Temm. The Martinet. / 2. *Caprimulgus europaeus*. The European Noddy. / 3. *Hirundo urbana*. Lin. The Swallow. /





1. *Merops amictus* Tem. The Green Bee Eater.
2. *Prionites brasiliensis* Illg. The Brazilian Saw Bill.



1 *Coracias bengalensis* Gmel. The Bengal Roller
 2 *Colinus garrula* Gmel. The Garrulous Roller



1. *Loxia enucleator*. Lin. (The Pine Grosbeak) 2. *Loxia corcoratrustes*. Lin. (The common Grosbeak)
3. *Loxia curvirostra*. Lin. (The Crossbill)



1. *Certhia familiaris*. L. The Common Creeper. 2. *Dendrocolaptes falcirostris*. The Hook-billed Woodpecker. 3. Bill of the *Dendrocolaptes nasican*. Vieill. The Nasican Woodpecker. 4. Bill of the *Dendrocolaptes procerus*. Tem. The Red-billed Woodpecker. 5. Bill of the *Tichodroma muraria*. L. The Wall Creeper. 6. *Nectarinia benca*. The Goutquit.



1. *Upupa superba*, Lath. *The Splendid Puer*. 2. *Dendrocolaptes communis* Lin. *The Woodpecker*.
3. *Dendrocolaptes procerus*, Temm.



1. *Certhia cyana* Vall. 2. *Certhia muraria* Lin. The Wall Creeper

3. *Certhia flavecota* Gm.



1. The Common Starling 2. *Colaris Madagascensis* The Madagascan Roller
3. *Cassin's Finch* The Cassin's Finch



1. *Oriolus Jacamarum* Gmel. 2. *Melicilla Cayana* Gmel. The Puffin. 3. *Cinnerys Senegalensis*



1 *Xanthornus pumilatus* Gmelin 2 *Oxyechus laticaudatus* 3 *Sturnus ruber* Gmelin
 1 Bill of the *Cassius hammondi* 3 Bill of the *Icterus niger* The Black Icterus
 6 Bill of the *Dacus cayana* The Cayenne Dacus



1 *Upupa minor* Vieill (The Lays or African Hoopoe) 2 *Promerops caffer* End. The New Guinea Hoopoe
3. *Epimachus magnificus*. The splendid Epimachus/

1. a



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16 n. s.

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1. *Microglossus aterrimus* Goff. The Black horned Parakeet

2. *Pezomachus firmicus* Vahl. The Beautiful nimbler Parakeet

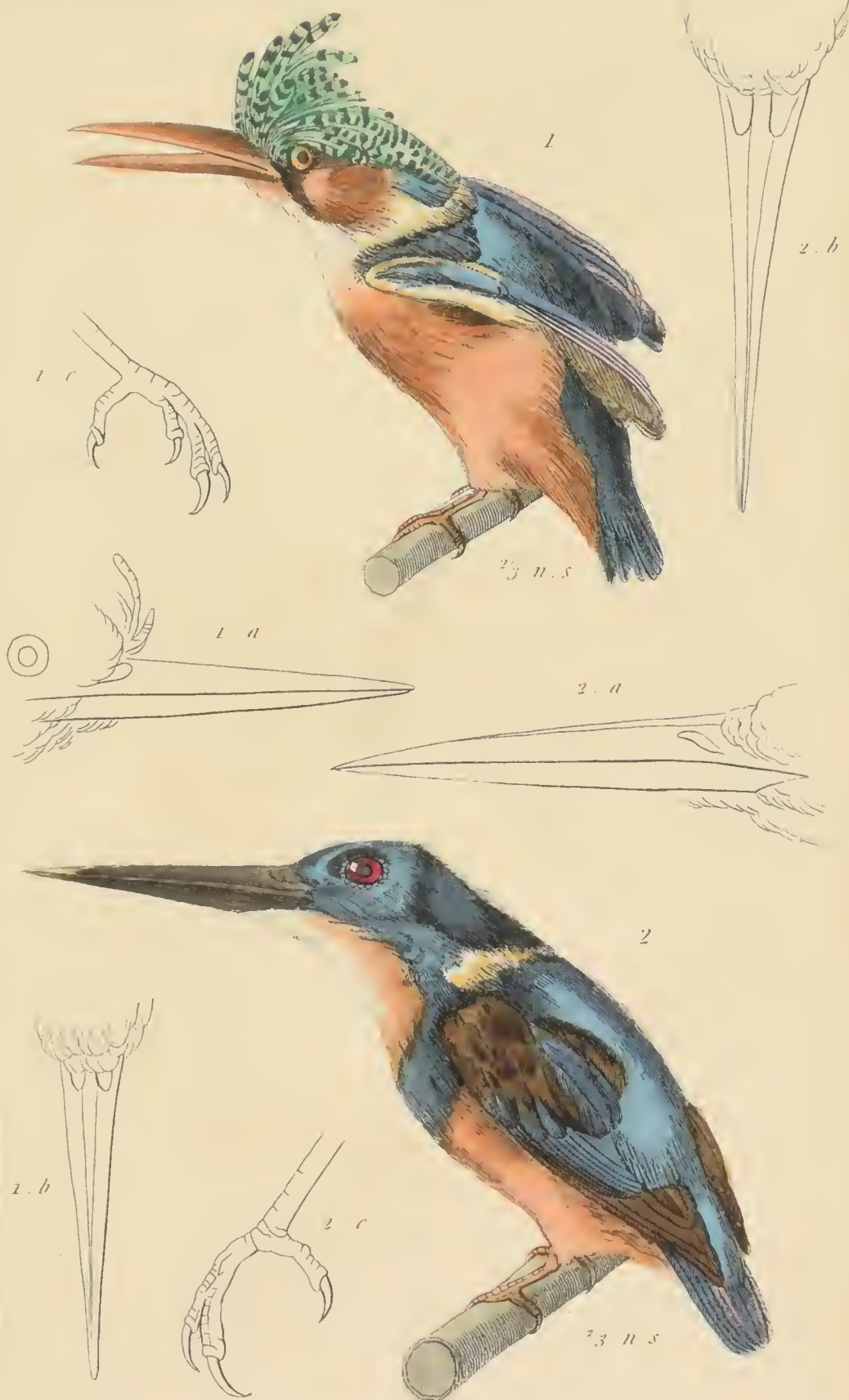


1. *Musophaga gigantea*, Vieill. The gigantic Toucan, or Violet coloured Plantain eater.

2. *Corvixa Paulina*, Temm. The Toucan of Pauline.



1. *Troglodytes longirostris*. The European Wren 2. Bill of *Troglodytes communis*. The Common Wren
 3. *Motacilla lugubris*. The lugubrious Wagtail 4. Foot of *Budytes flava* The Yellow Wagtail 5. *Anthus
 arboreus*. The Tree Pipit



1. *Alcedo cristata*. (The Crested King-fisher)
 2. *Ceix tribrachys*. (The three-toed King-fisher)



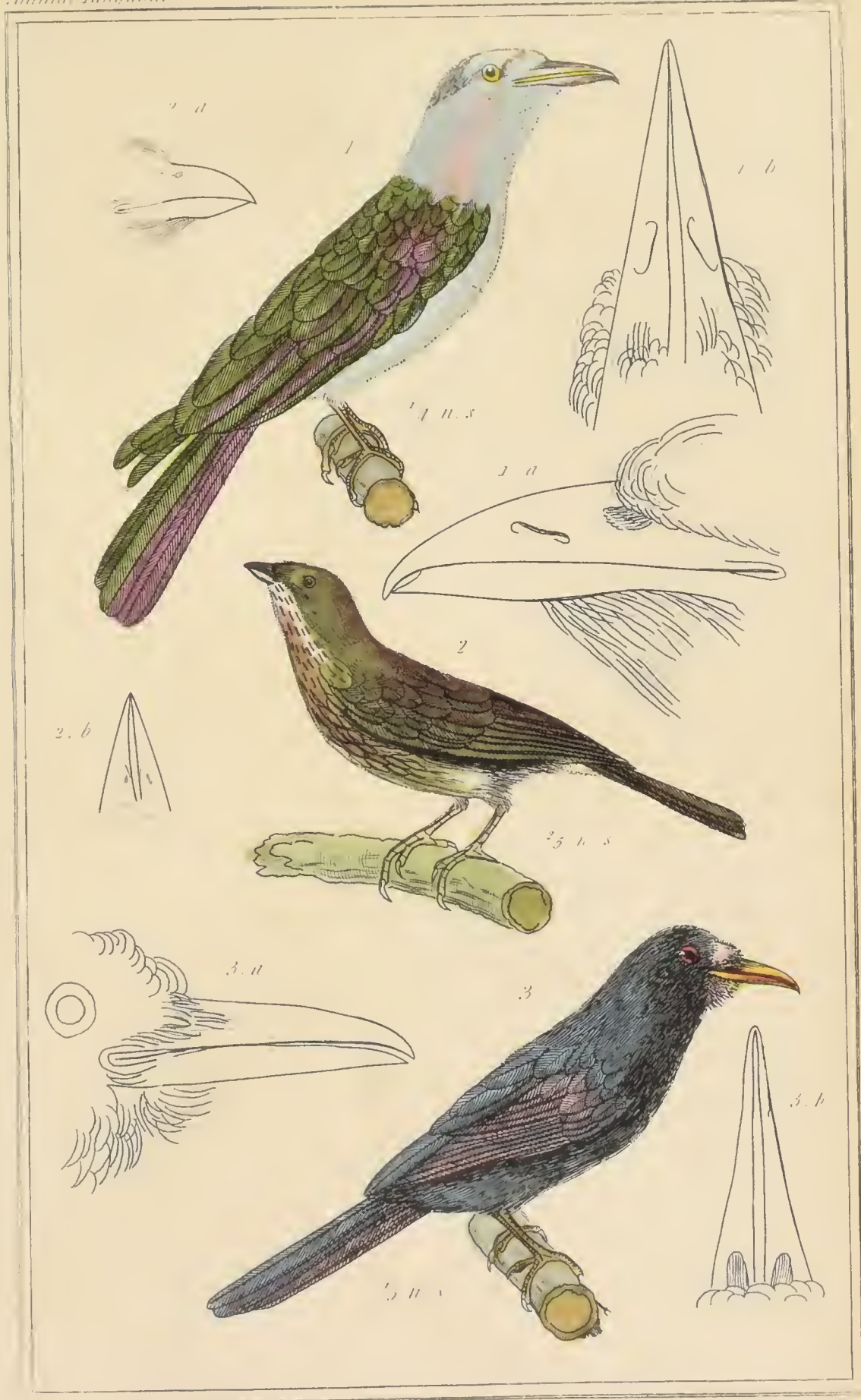
1. *Motacilla regulus*. Lin. *The Reitelet* / 2. *Motacilla alpina*. Gm. *The Alpine Fairvete* /
3. *Anthus pratensis*. Bechst.

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1. *Trochilus granatarius* (the garnet throated Humming Bird) 2. *T. brasiliensis* (the Brazilian Humming Bird)
3. *Orthorhynchus* (the straight billed Humming Bird) 4. *Ortho. Magnusus* (the gigantic Humming Bird)

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1 *Leptosomus viridis* Vull. 2 *Indicator variegatus* Lesson The Variegated Indicator
3 *Monasa leucops* Illiger



1. *Todus viridis* The Tody 2. *Buceros hydrocorax* Gould The Horn bill of Sumatra



1. *Malcoha superciliosa*. The Common Malcoha
 2. *Scythrops australasiae*. The Australian Scythrops



1 *Galbula albicristis* Vahl 2 *Eudynamis orientalis* 3 *Picus lherminieri* Lessen The Wood
 pecker of Lessen 4 Foot of the *Picus arda tylus* The Picoid Woodpecker 5 *Yunx torquilla* Lin
 The Common Wrenneck



1. *Hirundo collaris* The Collared Swallow 2. *Trochilurus martinicus* The Martin 3. Head and Tail of the Goat-sucker 4. *Podiceps cornutus* The Goat-sucker of Guyer



1. *Bucco Duvancellii*, Less. (Duvancellii's Barbet) 2. Bill of the *Pogonias major sulcirostris* Leach (The Great Pogon) 3. *Bucco parvus* Barbier (Vall. The Barbican) 4. *Tamatia collaris*, The Banded Tamatia



1. *Tamatia melanoleucos*, Gm. The *Tamatia*. 2. *Malcoha rouverdin*, Vaill. The *Malcoha* of Vaillant. 3. *Bucconiger*, Gm. The *Black Throated Barbet*.



1. *Jacamerops grandis*. *Vall.* / The Grand Jacamar. 2. *Galbula ruficauda*. *Vall.* / The Red-tail Jacamar. 3. *Todus platyrhynchos*. *Gm.*



1. *Trogon pavoninus* Tem. (The Peacock Couroucou) 2. Bill of the *Trogon Dives* Tem. (The Peacock Couroucou) 3. *Ramphastos maximus* (Greatest Billed Toucan) 4. Bill of the *Crotophaga major* (The Greater Ani)



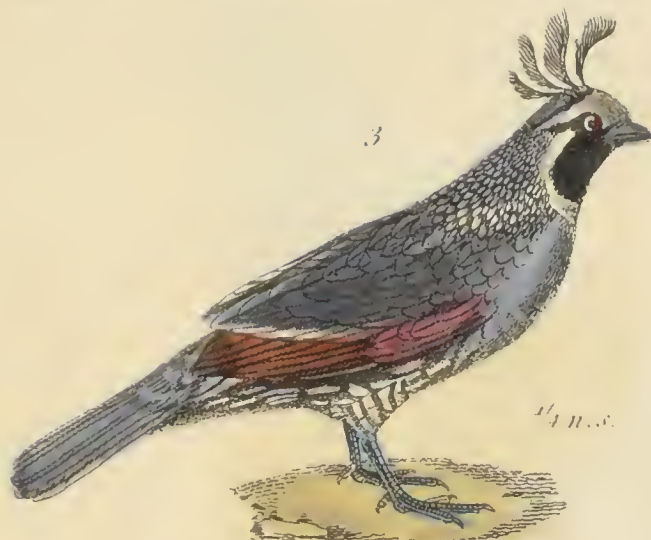
1. *Ramphastos aracari* Gm. 2. *Ramphastos taca*. *Vaillants, Birds of Paradise. Pl. 2.* 3. *Crotophaga ani* Gm.



1. *Ara aracanga* Gmel. (The Guiana Scarlet Macaw) /
 2. *Cacatua galerita* White. (The Crested Cockatoo)



1. *Tetrao umbellus*, Gmel. The ruffed heath Cock 2. *Tetr. lagopus*, L. The Ptarmigan White Larks or Partridge of the Pyrenees 3. *Pterocles arenarius*, Pall. The Partridge of Aravon



1 *Francolinus ocellus* Tem. The All-eyed Francolin. 2. *Perdix petrosa* Gmel. The Rock Partridge.
3. *Colinus californicus* Ah. The Californian Colin.



1. *Tetrao rufus*. 1. The Red Partridge 2. *Perdix tertilis*. Temm.

3. *Francolinus clamosus*. Temm.



1. *Opisthocomus cristatus* L. The Hoazin. 2. *Crax rubra* L. The Red Hocco. 3. Head of the Penelope guan. Edw. The Guan. 4. Head of the *Ortula paragua* L. The Parraqua. 5. Head of the *Tourax pauci* L. (The Stone Bird.)



1. *Cucubis persa* Lin. The Touraco. 2. *Crax albertus* Lin. The Booby.
3. *Muscoplagia violacea* Vieill. The Phalarope.



1. *Phasianus gallus*. L. / The Domestic Cock / 2. *Numida meleagris*. L. / The Common Guinea hen / 3. *Meleagris gallopavo*. L. / The Common Turkey /



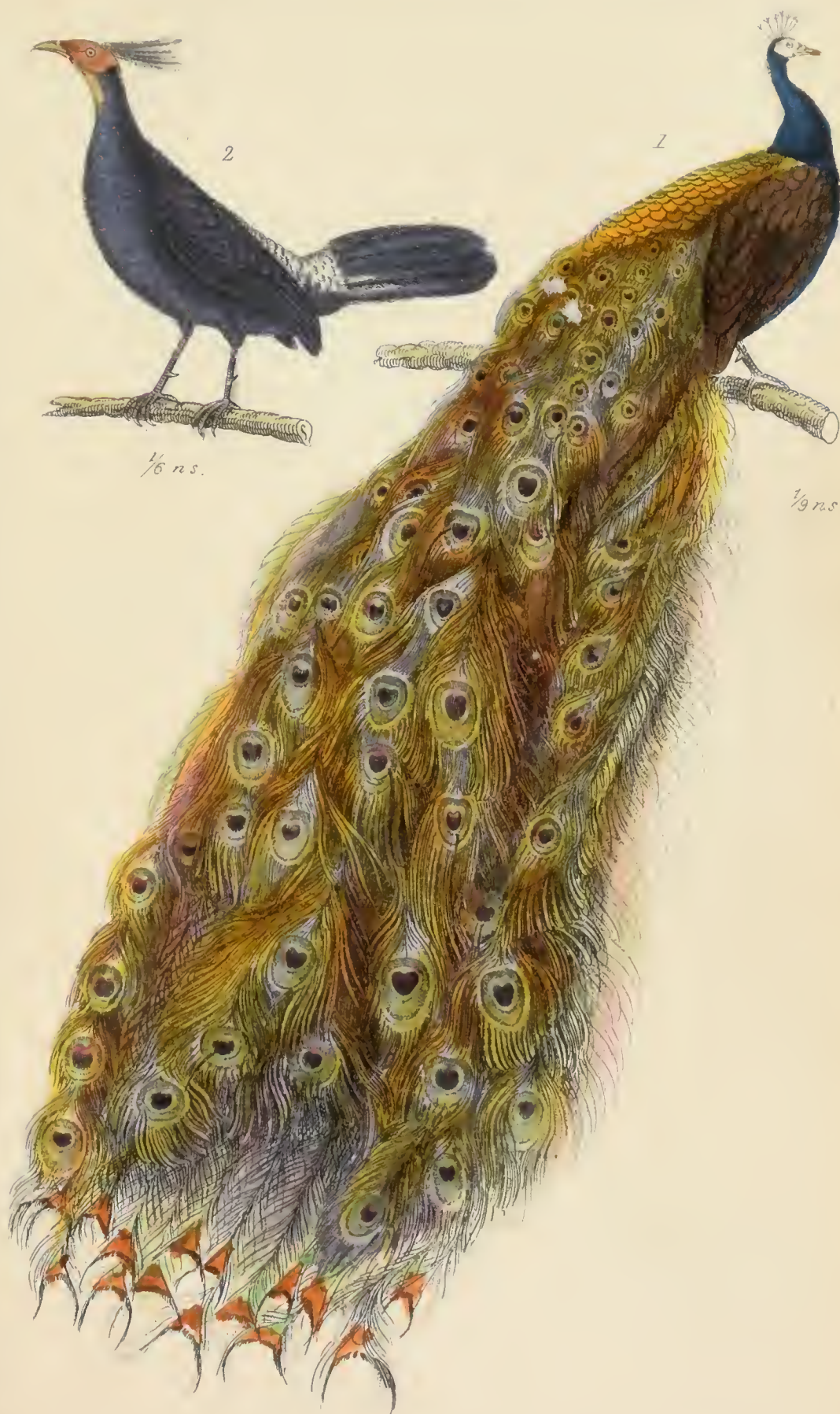


1. *Numida ptilorhynchos*, Licht. The Crested-billed Guinea Hen.

2. *Meleagris ocellata*. The Golden Green-necked Turkey.



1. *Tinamus braziliensis* L. The Brazilian Tinamoo . 2. *Phasianus pictus* L. The Golden Pheasant . 3. *Hemipodius nigrifrons*, Temm .



1 *Pavo Cristatus* (the Common Peacock)
2 *Lophophorus Cuvieri* (Cuviers Pheasant)

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1. *Megapodius Duperreyi*. Less.
2. *Lophophorus rufilgens*. Temm.



1. *Cryptonyx coronatus*, Tem. The Sumatra Pheasant bird. 2. Houppet, a female. 3. Head of the Houppet, a male. 4. *Tragopan*, a male. The Himalayan Pheasant, a male. The Himalayan Pheasant, a female. The Himalayan Pheasant, a male. The Himalayan Pheasant, a female.



1. *Coturnix chinensis* Lin (The Chinese Grouse) 2. *Oryzias pugnax* Tem (The Fighting Grouse of Java)
 3. *Tinamus rufescens* Tem (The Rufescent Tinamoo) 4. Bill of the *Tinamus brasiliensis* Lin
 (The Brazilian Tinamoo)

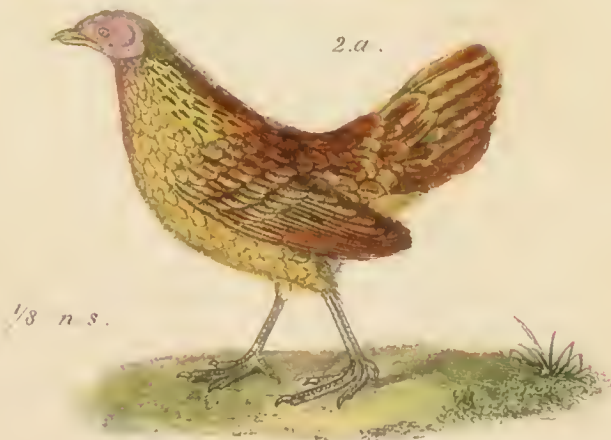




19 n 5

Phasianus Argus, (The Argus Pheasant)

London: G. Henderson 2 Old Bailey



1. *Phasianus torquatus* (the collared Pheasant)
 2. *Gallus bankiva* Tem (the wild Cock of Java)
 2.a. The wild Hen of Java
 London C. Henderson 2. Old Bailey.



1 *Tanagra cyanocephala* The Blue-headed Tanager 4 Bill of the *Tanagra specularis* Orate Tanager
 2 Bill of the *Tanagra cayanaensis* Red-bellied Tanager 5 Bill of the *Tanagra nigrirufa* Cardinal Tanager
 3 Bill of the *Tanagra amoena* Great Grosbeak Tanager 6 Bill of the *Tanagra brasiliensis* (Rhamphocoma Tanager)
 7 *Turdus Albigularis* The White-necked Thrush



1. *Goura coronata* (The Crowned Pigeon) 2. *Columba porphyrea* Tem. (The Porphyry Pigeon)
3. *Ninago aromatica* (The Spicy Vinago)



1. *Otis tetrax*. Lin. The Little Bustard. 2. *Eridiopsis longipex*. Geoff. St Hill
3. *Charadrius hiaticula*. Lin. The Ring Plover.

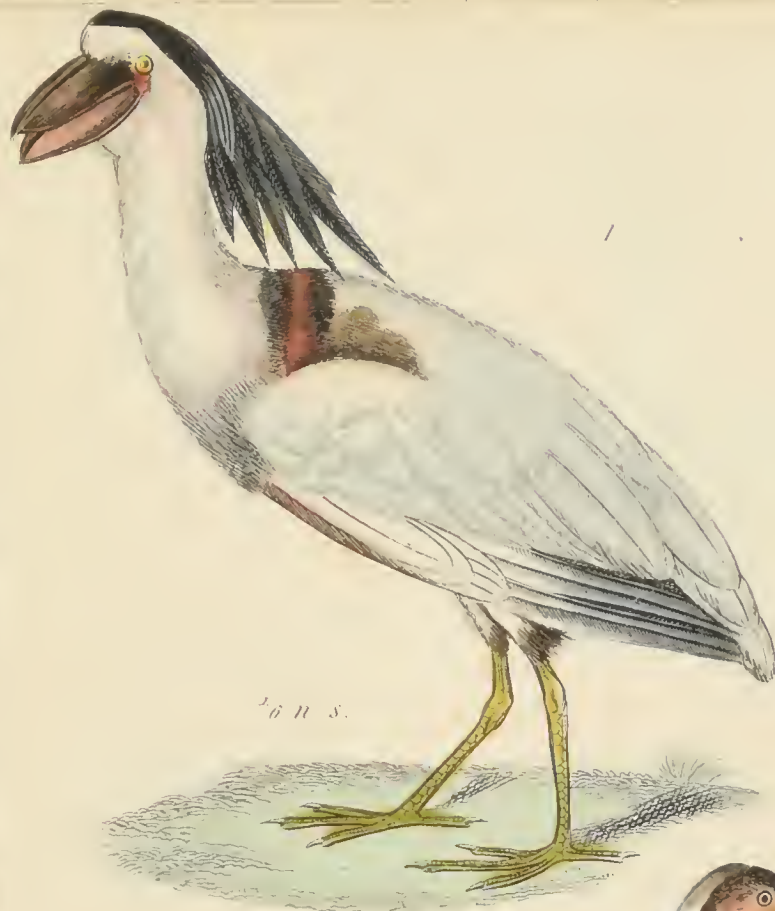
London: G. Henderson, 2, Old Bailey.



1 *Ovis ruficollis* Guv. (The Great Bustard) 2 Bill of the *Ovis tetray* L. The little Bustard 3 Bill of the *Ovis agra* Luth (The Houhard) 4 (*Edicnemus maculatus* Guv. The Speckled Thick Knee) 5 Bill of the *Edicnemus vulgaris* Guv. Lm. (The Common Thick Knee) 6 *Charadrius bilobus* L. The bilobate Plover



1. *Vanellus cayennensis* Tem. (The Cayenne Lap-wing) 2. *Hematopus palliatus* Tem. (The European Swift-foot) 3. *Cursorius coromandelicus* Lach. (The Coromandel Swift-foot) 4. Bill of the Vanellus Tem. (Fr. Vanellus Lin.) (The European Lap-wing) 5. Bill of the *Tringa squata* L. n. s. m.



1. *Cathartus mexicanus* Lin. The Great Frigatebird 2. *Grus grus* Buff. The European Crane



1 *Microdactylus cristatus* Geoff. The Short Finch. 2 *Psophia crepitans* The Trumpeter.
3 *Grus coronulata*. The Crowned Crane.



1. *Ciconia maguari* Vieill. (The Maguari, or American Stork) 2. Bill of the *Jabiru Maguari senegalensis* Lath. (The Jabiru)

3. *Scopus umbretta* Vieill. (The Umber coloured Stork)





1. *Ardea ciconia*. Lin. / *The White Stork* / 2. *Mycteria americana*. Lin. / *The American Jabiru* / 3. *Ardea major*. Lin. / *The common Heron* /



1. *Anastomus lamelliger*. Tem. (The Laminated Open Bill) 2. *Tantalus ibis*. Lin. (The African Tantalus)
3. *Platalea alba*. Vieill. (The South American Spoon Bill)



1 *Scolopax gigantea* Tem. (The Gigantic Woodcock) 2 *Bhychnya hularia* Val. (The Brazilian Snipe)
3 *Ibis Religiosa*. (The Sacred Ibis)



1. *Tringa islandica*. Gmelin. (The Sand piper) 2. *Tringa pugnax*. Lin. (The Ruff.)
3. *Scolopax arcuata*. Lin. (The European Curlew)



1. *Limosa melanura* Leisler (The Black tailed god wit) 2. Bill of the *Calidris rufa* Wils. (The Red Sanderling) 3. Bill of the *Arenaria calidris* Gm. (The Common Sanderling) 4. Bill of the *Plegadis alpestris* Gm. (The Alpine Plover) 5. Bill of the *Falcinella* (*Scopelogadus* L. (The Pigmy Curlew) 6. Bill of the *Phalaropus lobatus* (The Lobated Phalarope) 7. Bill of the *Streptopelia interpres* L. (The Streptopelia) 8. Bill of the *Totanus fuscus* L. (The Fuscous Sand-piper) 9. Bill of the *Himantopus nigricollis* Wils. (The American Long shanks) 10. *Recurvirostra orientalis* (The Oriental Avocet)



1. *Fulica chloropus*, Lin. (The Water Hen) 2. *Fulica phaeopyrus*, Lin.

3. *Fulica atra*, Gmelin. (The Coot)

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1. *Palamedea cornuta* Lin. 2. *Charadrius himantopus* Lin.

3. *Recurvirostra avocetta* Lin.



1. *Tringa vanellus*. Lin. The European Lapwing. 2. *Hematopus ostralegus*. Lin. The Oyster Catcher.

3. *Cursorius isabellinus*. Meyer.



1. *Parra albimica* Isid. Geoff. *magas. de Zoologie*. The Bronzed Jacana. 2. Head of the *Palamedea cornuta* Lin. The Horned Screamer. 3. *Channa chavaria* Lin. The Chara of Paraguay. 4. *Megapodius Paparreyi* Cuvier & Less. The Tavon of Duperrey.



1. *Rallus gularis*. The European Water Rail. 2. *Porphyrio smaragdinus* Tem. The Emerald or Sillano Coot.
 3. Bill of the *Rallus aquaticus* Lin. The Water Rail. 4. Bill of the *Rallus creta* Lin. The Rail. 5. Bill of
Rallus porzana Lin. The Spotted Rail. 6. Bill & foot of the *Gallinula chloropus* Lin. The Water Hen. 7. Bill
 & foot of the *Fulica atra* Linn. The Common Coot. 8. Head of the *Chonotus neophaga* Vieill. The Sheath Bill.



1. *Scolopax capensis*. Gm. 2. *Scolopax badius*. Lath.

3. *Phalaropus rufus*. Bechst.



1. *Glaucola lactea* Tem. The Milky Pratincole 2. *Phaenicopterus ignipalliatu*s Lsld Geoff et d'Orb
The Fiery Flamingo 3. Bill of the *Phaen. ruber* Ent. The Red Flamingo



1. *Glareola austriaca*, Ent. The European Pouter or Sea Partridge / 2. *Phaethopecterus ruber*, Ent. The Red Flamingo / 3. *Vaginalis chionis*, Leth. The Shear-bill

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1 *Podiceps cornutus* Vieill. The Dusky Grebe. 2 *Onychoprion fuscatus* Gmel. The Sooty Tern.
 3 Head & Foot of the *Colymbus glacialis* L. The Great Northern Diver. 4 Bill of the *Uria grylle* Vieill.
 (The Spotted Guillemot or Greenland Dove. 5 *Cephus minor* Gmel. The Little Guillemot.)



1. *Larus marinus*. L. The Great black-backed Gull. 2. *Sterna hirundo*. L. The Common Tern or Sea Swallow. 3. Bill of the Noddy (*Sterna stolida*. L. The Noddy). 4. Bill of the *Rhychops nigra*. L. The Black Skimmer.



1. *Pelecanus onocrotalus* L. Var. *fuscus*.? Edw. The braying or Common Pelican! 2. *Tachypetes aquilus* L. The South Sea Frigate bird! 3. *Carbo hiropus*. The Crested Cormorant!



1. *Aptenodytes patagonica*. Gmel. (The Great Penguin) 2. *Alca torda*. Gmel. (The Common Duck)



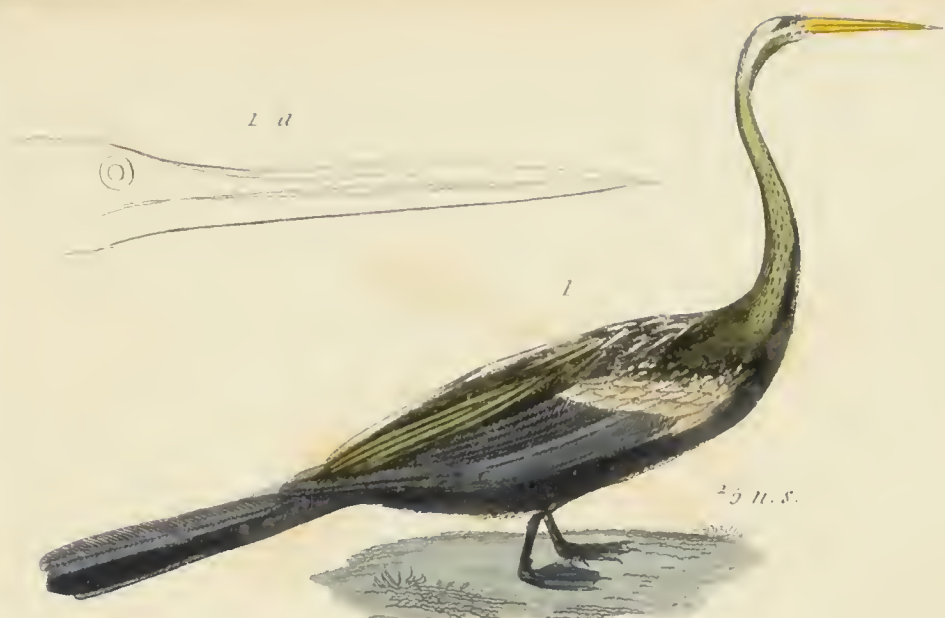
1. *Procellaria pelagica*. Lin. (Mother Carey's Chicken) 2. Bill of the *Procellaria glacialis*. Gmel. (The Fulmar)
 3. Bill of the *Puffinus aquinoctialis*. Edw. (The Equinoctial Puffin) 4. Bill of the *Pachyptila vittata*.
 Forst. (The Lined Frigate) 5. *Diomedea melanophrys*. (The Albatross)



1. *Diomedea exulans*, Lin. (The common Albatross) 2. *Procellaria capensis*, (The Cape Petrel or Cape Pigeon) 3. *Larus crepitatus*, Gm. (The Arctic Gull)



1 *Pelecanus Bassanus* L. (The Booby Adult) 2 *Anas Atrata* Lath (The Black Swan)
3 *Rhynehops Nigra* L. (The Black Skimmer)



1. *Plotus Levaillanti* Bechst. (The Black bellied Darter) 2. *Sala parva*, Gmel. (The Bessan or Common Booby) 3. *Phaeton Phanicurus* Vieill. (The Common Tropic Bird)



1 *Cygnus olor* Gmel. (The Red billed or Domestic Swan) 2. *Anser (Bernache) erythropus*. Gmel.
(The Bernacle Goose) 3. *Anas (Garrot) Albeola*. Gmel. (The Golden Eye)



1 *Anser cinereus* Meyer (The Wild Goose) 2 *Mergus serrator* L. (The Red Breasted Merganser)
3 *Anas boschas* L. (The Wild Mallard)



1. Eider (*anas mollissima* L. (The Eider or St Cuthbert's Duck) 2. Tadorné (*a boschas* L. The Mallard
3. *Mergus cucullatus* End. The Goosander)



1 *Struthio camelus*, Lin. The Ostrich

2 *Casuarus galinatus* Vieill. The Gallinule



1 Skeleton of the Ibis from a Mummy, found at Thebes in Egypt. 2 Figure of the Ibis copied from one of the Temples in Upper Egypt. 3. Bill drawn from the Mummy of an Ibis by Mr Olivier.





1. Numenius Ibis. The true Ibis of the Egyptians.







